



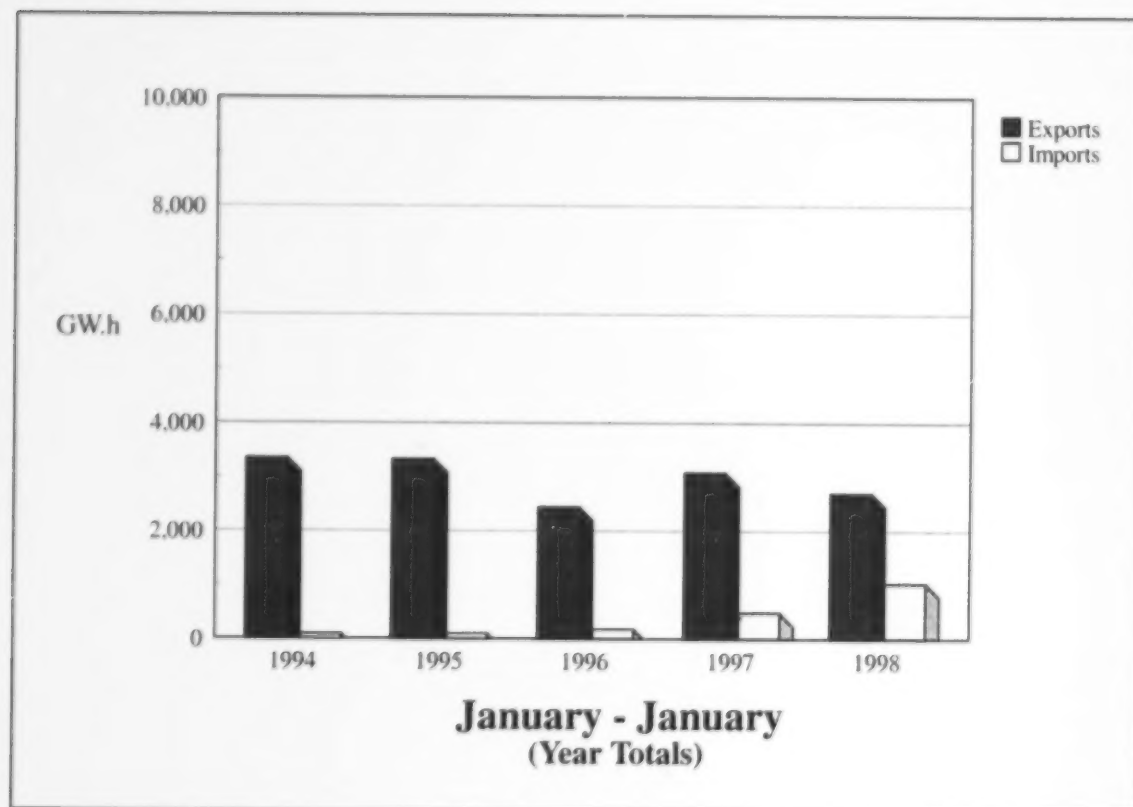
Electricity Exports and Imports

Monthly Statistics for:

January 1998

Exports: **2695** GW.h

Imports: **1027** GW.h





National Energy Board
Office national de l'énergie

TABLE 1 Exports and Imports of Electricity Summary: Canada JANUARY 1998

Page 1
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Exchange Type	Energy (MW/h)		Revenue (CANS)		CANS/MW.h	
	JAN98	JAN98 - JAN98	JAN98	JAN98 - JAN98	JAN98	L12M
Exports of Electric Energy						
Firm	1 429 199	1 429 199	59 485 165	59 485 165	29.74	28.75
Interruptible	1 265 888	1 265 888	37 190 215	37 190 215	29.35	25.73
Non-Revenue/Inadvertant	281 252	281 252	0	0	0.00	0.00
Service	17 867	17 867	0	0	0.00	0.00
Total Exports	2 994 206	2 994 206	96 675 379	96 675 379	26.60	25.57
Total Sales - Firm and Interruptible	2 695 087	2 695 087	96 675 379	96 675 379	29.55	27.08
Imports of Electric Energy						
Non-Revenue/Inadvertant	229 721	229 721	0	0	0.00	0.00
Purchase	1 026 668	1 026 668	17 173 605	17 173 605	13.51	21.19
Service	66 638	66 638	29 370	29 370	0.44	0.47
Total Imports	1 323 027	1 323 027	17 202 975	17 202 975	10.51	17.10
Excess of Exports Over Imports	1 671 179	1 671 179	79 472 404	79 472 404		
Number of Export Licences:	17					
Number of Export Permits/Orders:	81					

For further information, contact:
Dave Walker,
Research Officer,
Energy Commodities Branch
National Energy Board
(403) 299 - 3171

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:
- Revenue for Permit 92 not available.



National Energy Board
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TABLE 2A

Export Summary Report

by Source, Authorization and Exchange Type

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Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (CANS) ¹		CANS/MW.h ²	
			JAN98	JAN98 - JAN98	JAN98	JAN98 - JAN98	JAN98	L12M
Alberta								
TransAlta Ener.	Permit 74	F	21 320	21 320	471 024	471 024	22.09	15.62
Subtotal Firm and Interruptible Exports: Alberta			21 320	21 320	471 024	471 024	22.09	15.62
British Columbia								
BC Hydro	Permit 105	F	146	146	3 261	3 261	22.38	63.19
	Treaty	N	36 812	36 812	0	0	0.00	0.00
BC Hydro/Powerx	Permit 43	I	684 478	684 478	19 234 522	19 234 522	28.10	24.93
	Permit 44	F	20 311	20 311	568 406	568 406	27.99	30.20
Cominco	Permit 57	I	26 325	26 325	724 066	724 066	27.50	22.99
Powerex	Permit 92	F	85 560	85 560	0	0	0.00	0.00
	Permit 95	F	3 340	3 340	153 715	153 715	46.02	42.67
Subtotal Firm and Interruptible Exports: British Columbia			820 160	820 160	20 683 971	20 683 971	25.22	22.92

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.

F - Firm Sales

I - Interruptible Sales

P - Purchase (Import)

N - Non-Revenue (Non-Revenue or Inadvertent)

S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)



National Energy Board
Office national de l'énergie

TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

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Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (CANS)		CANS/MW.h	
			JAN98	JAN98 - JAN98	JAN98	JAN98 - JAN98	JAN98	L12M
Manitoba Hydro	Licence 170	F	288 550	288 550	12 415 444	12 415 444	21.84	22.46
	Permit 45	F	139 946	139 946	3 034 265	3 034 265	20.44	19.89
	Permit 46	I	357 037	357 037	7 415 274	7 415 274	20.70	17.76
		N	-28 459	-28 459	0	0	0.00	0.00
	Permit 61	F	580	580	23 376	23 376	40.29	45.44
	Permit 68	F	7 275	7 275	402 670	402 670	20.47	17.84
Subtotal Firm and Interruptible Exports: Manitoba			793 388	793 388	23 291 029	23 291 029	21.08	19.45
New Brunswick								
Fraser Inc.	Permit 102	F	20 745	20 745	1 512 265	1 512 265	72.90	67.12
Maine & NB	Licence 177	F	112	112	86 836	86 836	16.44	16.40
NB Power	Permit 15	I	83	83	3 976	3 976	47.91	37.97
		N	284	284	0	0	0.00	0.00
	Permit 16	I	49	49	2 563	2 563	52.31	42.46
		N	10 296	10 296	0	0	0.00	0.00
	Permit 17	S	10 502	10 502	0	0	0.00	0.00
	Permit 18	I	2 149	2 149	116 790	116 790	54.35	49.29
		N	16	16	0	0	0.00	0.00
	Permit 28	F	3	3	414	414	121.03	120.63
	Permit 47	F	7 800	7 800	598 190	598 190	51.41	50.62

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

Additional Notes:

- Revenue for Permit 92 not available.

F - Firm Sales

I - Interruptible Sales

P - Purchase (Import)

N - Non-Revenue (Non-Revenue or Inadvertent)

S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)



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TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

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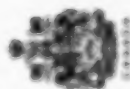
Source	Authorization	Exchange Type	Energy (MWh)		Revenue (CANS)		CANS/MWh	
			JAN98	JAN98 - JAN98	JAN98	JAN98 - JAN98	JAN98	L12M
NB Power	Permit 91	1	135 284	135 284	7 571 165	7 571 165	55.96	42.03
Subtotal Firm and Interruptible Exports: New Brunswick								
			166 225	166 225	9 892 199	9 892 199	57.81	43.12
Ontario								
Cdn. Niagara	Permit 84	F	28 580	28 580	623 477	623 477	21.82	21.94
	Permit 85	S	2 955	2 955	0	0	0.00	0.00
Cornwall Pvc.	Permit 82	1	42	42	724	724	17.24	20.52
	Permit 83	S	2 922	2 922	0	0	0.00	0.00
D&W Subway	Permit 26	F	142	142	0	0	0.00	0.00
Ont. Hydro/CHIM	Permit 21	1	2 776	2 776	111 514	111 514	40.17	31.65
		S	1 468	1 468	0	0	0.00	0.00
Ontario Hydro	Permit 22	S	256 554	256 554	0	0	0.00	0.00
	Permit 24	F	23	23	46	46	2.00	2.00
Subtotal Firm and Interruptible Exports: Ontario			31 563	31 563	735 761	735 761	23.31	26.32

Footnote

- Footnote:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (includes capacity charges).

Additional Notes:
- Revenue for Permit 92 not available

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Net Revenue (Net Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)



National Energy Board
Office national de l'énergie

TABLE 2A

Export Summary Report
by Source, Authorization and Exchange Type

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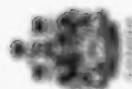
Source	Authorization	Exchange Type	Energy (MWh)		Revenue (CAN\$)		CAN\$/MWh	
			JAN99	JAN99 - JAN98	JAN99	JAN99 - JAN98	JAN99	JAN98
Hydro-Québec	Licence 176	F	475 111	475 111	16 080 379	16 080 379	33.89	31.36
	Licence 180	F	22 082	22 082	6 144 034	6 144 034	37.30	35.37
	Licence 181	F	30 806	30 806	2 032 263	2 032 263	37.30	35.36
	Licence 182	F	8 791	8 791	1 080 086	1 080 086	37.30	35.42
	Licence 183	F	5 436	5 436	1 625 054	1 625 054	37.30	35.36
	Licence 184	F	3 130	3 130	873 037	873 037	37.30	35.36
	Permit 64	I	37 615	37 615	2 007 727	2 007 727	34.54	32.16
National First and Interregional Export: Québec	Permit 65	N	5 210	5 210	0	0	0.00	0.00
		F	250 835	250 835	11 040 002	11 040 002	40.32	38.72
National First and Interregional Export: Québec			661 466	661 466	40 573 959	40 573 959	36.44	33.93
Saskatchewan								
Sask. Power	Licence 119	I	30	30	1 892	1 892	37.85	23.65
	Permit 99	N	539	539	0	0	0.00	0.00
National First and Interregional Export: Saskatchewan			969	969	24 532	24 532	26.81	33.74
Total First and Interregional Export:			662	662	26 429	26 429	27.36	26.63
Total First and Interregional Export:			2 407 467	2 407 467	96 475 379	96 475 379	39.69	37.66

Footnote:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

Additional Notes:

- Revenue for Permit 62 not available.

F - Firm Sales
I - Interruptible Sales
N - Purchase (Import)
N - Non Revenue (Non Revenue in Production)
S - Services (Selling, Resale, Storage, Unit Rental, Transmission etc.)



National Energy Board
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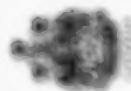
TABLE 2B
Import Summary Report
by Destination, Authorization and Exchange Type

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09/03/96

Destination	Authorization	Exchange Type	Range (MBL)		Revenue of ENB ¹		E to ENB/ENB ²	
			From	To	From	To	From	To
Albania								
Imports	-	P	202	202	10 760	10 760	40 20	40 20
Transit		P	1 412	1 412	47 050	47 050	20 00	10 00
Subtotal Albanian Imports: Albania								
			2 000	2 000	55 000	55 000	20 00	10 00
Bosnia & Herzegovina								
Oil		P	10	10	1 020	1 020	70 00	70 00
Oil		P	203 207	203 207	4 740 117	4 740 117	20 00	10 00
Wheat		P	20 000	20 000	1 047 000	1 047 000	20 00	20 00
Subtotal Bosnian Imports: Bosnia & Herzegovina								
			233 000	233 000	5 787 000	5 787 000	20 00	10 00
Montenegro								
Imports		P	20 000	20 000	1 000 000	1 000 000	10 00	10 00
Transit		P	10 000	10 000	500 000	500 000	10 00	10 00
Subtotal Montenegrin Imports: Montenegro								
			30 000	30 000	1 500 000	1 500 000	10 00	10 00
Yugoslavia								
Imports		P	10 000	10 000	500 000	500 000	10 00	10 00
Transit		P	10 000	10 000	500 000	500 000	10 00	10 00
Subtotal Yugoslav Imports: Yugoslavia								
			20 000	20 000	1 000 000	1 000 000	10 00	10 00
Summary								
1. Imports								
2. Average capacity and energy charges								
3. Average value for the month and the								
last 12 months (excluding capacity charges)								
Subtotal Value								
Revenue for Month: 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31								

1. Includes capacity and storage charges.
2. Average value for the month and the last 12 months (includes capacity charges).
3. Revenue for Capacity Charge available.
4. Revenue for Capacity Charge available.

P - From Value
T - Throughput Value
R - Revenue (Range)
A - From Revenue (From Revenue or Throughput)
S - Service (Throughput Revenue, Storage, From Revenue, Throughput, etc.)



Discipline	Institution	Exchange Type	Average (USD)		Revenue (USD)		Exchange Rate
			2020-2021	2021-2022	2020-2021	2021-2022	
Top Disciplines							
Business	University of York	Y	700	700	0	0	1.00
Health	YH	Y	1000	1000	0	0	1.00
Health	YH	Y	1000	1000	0	0	1.00
Bottom Disciplines							
Business	University of York	Y	700	700	0	0	1.00
Health	YH	Y	1000	1000	0	0	1.00
Health	YH	Y	1000	1000	0	0	1.00
Summary							
Business	University of York	Y	700	700	0	0	1.00
Health	YH	Y	1000	1000	0	0	1.00
Health	YH	Y	1000	1000	0	0	1.00
Summary							
Business	University of York	Y	700	700	0	0	1.00
Health	YH	Y	1000	1000	0	0	1.00
Health	YH	Y	1000	1000	0	0	1.00

Abbreviations
 1. *Diagnosis* = diagnosis; *and surgery* = surgery;
 2. *Admission* = admission; *and surgery* = surgery;
 3. *Admission* = admission; *and surgery* = surgery;
 4. *Admission* = admission; *and surgery* = surgery;

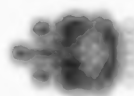
© 2000 Blackwell Science Ltd
Journal of Internal Medicine 247: 105–112

3. *Non-oxide*
4. *Intermetallics* (a) *Aluminum*
5. *Aluminum* (b) *Aluminum*
6. *Aluminum* (c) *Aluminum*
7. *Aluminum* (d) *Aluminum*
8. *Aluminum* (e) *Aluminum*
9. *Aluminum* (f) *Aluminum*
10. *Aluminum* (g) *Aluminum*
11. *Aluminum* (h) *Aluminum*
12. *Aluminum* (i) *Aluminum*
13. *Aluminum* (j) *Aluminum*
14. *Aluminum* (k) *Aluminum*
15. *Aluminum* (l) *Aluminum*
16. *Aluminum* (m) *Aluminum*
17. *Aluminum* (n) *Aluminum*
18. *Aluminum* (o) *Aluminum*
19. *Aluminum* (p) *Aluminum*
20. *Aluminum* (q) *Aluminum*
21. *Aluminum* (r) *Aluminum*
22. *Aluminum* (s) *Aluminum*
23. *Aluminum* (t) *Aluminum*
24. *Aluminum* (u) *Aluminum*
25. *Aluminum* (v) *Aluminum*
26. *Aluminum* (w) *Aluminum*
27. *Aluminum* (x) *Aluminum*
28. *Aluminum* (y) *Aluminum*
29. *Aluminum* (z) *Aluminum*



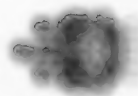
**Beyond Summary Reports
to Evaluation, Reflection and Learning**

Environmen- tal parameter	Measurement	No. of samples by year	Average (1999-2014)		1999-2009		2010-2014	
			JA2009	JA2010-JA2014	JA2009	JA2010-JA2014	JA2009	JA2010-JA2014
Air quality	PM10 (µg/m³)	40	10.40	10.40	0	0	0.00	0.00
		40	10.40	10.40	0.00	0.00	0.00	0.00
Soil quality (pH level) (0-14)	pH level	40	7.00	7.00	0.00	0.00	0.00	0.00
		40	7.00	7.00	0.00	0.00	0.00	0.00
Water quality	pH level	40	7.00	7.00	0.00	0.00	0.00	0.00
		40	7.00	7.00	0.00	0.00	0.00	0.00
Water quality	pH level	40	7.00	7.00	0.00	0.00	0.00	0.00
		40	7.00	7.00	0.00	0.00	0.00	0.00
Water quality	pH level	40	7.00	7.00	0.00	0.00	0.00	0.00
		40	7.00	7.00	0.00	0.00	0.00	0.00



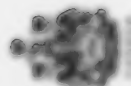
Journal of the American Academy of
Neurology and Neurosurgery

Measurement	Mean (s.d.)		SD (s.d.)		GAS (s.d.)	
	Jan 05	Jan 06	Jan 05	Jan 06	Jan 05	Jan 06
Balance						
Mean	1.00	1.00	1.00	1.00	1.00	1.00
Standard Error	0.00	0.00	0.00	0.00	0.00	0.00
Correlation						
Mean	0.00	0.00	0.00	0.00	0.00	0.00
Standard Error	0.00	0.00	0.00	0.00	0.00	0.00
Balance						
Mean	1.00	1.00	1.00	1.00	1.00	1.00
Standard Error	0.00	0.00	0.00	0.00	0.00	0.00
Correlation						
Mean	0.00	0.00	0.00	0.00	0.00	0.00
Standard Error	0.00	0.00	0.00	0.00	0.00	0.00
Balance						
Mean	1.00	1.00	1.00	1.00	1.00	1.00
Standard Error	0.00	0.00	0.00	0.00	0.00	0.00
Correlation						
Mean	0.00	0.00	0.00	0.00	0.00	0.00
Standard Error	0.00	0.00	0.00	0.00	0.00	0.00



300

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National Energy Board
Office national de l'énergie

TABLE 3B

Import Purchases Summary Report
by Source and Destination

Page 4
continued

Source	Destination	Energy (GWh) for		Revenue of 1987		Revenue of 1988	
		1986	1986-1988	1986	1986-1988	1986	1988
Quebec	New Brunswick	762	762	15 913	15 913	49 360	47 360
Subtotal Imports: Quebec		762	762	15 913	15 913	49 360	47 360
Michigan	Ontario	100 000	100 000	1 000 000	1 000 000	3 117	30 000
Subtotal Imports: Michigan		100 000	100 000	1 000 000	1 000 000	3 117	30 000
Minnesota	Minnesota	100	100	2 000	2 000	26 000	19 000
Subtotal Imports: Minnesota		100	100	2 000	2 000	26 000	19 000
Montana	Alberta	202	202	11 760	11 760	40 200	40 112
Subtotal Imports: Montana		202	202	11 760	11 760	40 200	40 112
Nebraska	Nebraska	0	0	0	0	0	0
Subtotal Imports: Nebraska		0	0	0	0	0	0
New England	Quebec	10 000	10 000	1 000 000	1 000 000	1 000 000	1 000 000
Subtotal Imports: New England		10 000	10 000	1 000 000	1 000 000	1 000 000	1 000 000
New York	Quebec	100 000	100 000	1 000 000	1 000 000	1 000 000	1 000 000
Subtotal Imports: New York		100 000	100 000	1 000 000	1 000 000	1 000 000	1 000 000
North Dakota	Minnesota	100	100	2 000	2 000	26 000	19 000
Subtotal Imports: North Dakota		100	100	2 000	2 000	26 000	19 000
Subtotal Imports: North Dakota		100	100	2 000	2 000	26 000	19 000

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months includes capacity charges.

Additional Notes:

Revenue for 1988: 100 000 000.

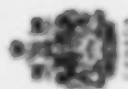


TABLE 3B
Import Purchases Summary Report
by Source and Destination

Source	Destination	Energy (MWh)		Revenue (ANS)		CAN\$/MWh ²	
		JAN98	JAN98 - JAN99	JAN98	JAN98 - JAN99	JAN98	JAN98 - JAN99
Oregon	Alberta	50	50	1 585	1 585	31.70	31.70
Subtotal Imports: Oregon		50	50	1 585	1 585	31.70	31.70
South Dakota	Manitoba	18 210	18 210	2 501 610	2 501 610	13.76	13.76
Subtotal Imports: South Dakota		18 210	18 210	2 501 610	2 501 610	13.76	13.76
Texas	Manitoba	0	0	21 823	21 823	0.00	0.00
Subtotal Imports: Texas		0	0	21 823	21 823	0.00	0.00
Vermont	Quebec	0	0	2 885 461	2 885 461	0.00	0.00
Subtotal Imports: Vermont		0	0	2 885 461	2 885 461	0.00	0.00
Washington	Alberta	1 762	1 762	45 580	45 580	25.82	25.82
	British Columbia	226 391	226 391	5 895 673	5 895 673	26.15	26.15
	Saskatchewan	2 450	2 450	85 185	85 185	34.77	34.77
Subtotal Imports: Washington		230 603	230 603	6 026 358	6 026 358	24.47	24.47
Wisconsin	Manitoba	150	150	3 510	3 510	23.40	23.40
Subtotal Imports: Wisconsin		150	150	3 510	3 510	23.40	23.40
Total Imports		1 826 668	1 826 668	17 173 685	17 173 685	13.51	13.51

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

Additional Notes:

-Revenue for Permit 92 not available.



TABLE 4
Source of Production Report ¹
Canadian Exports

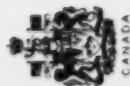
Fuel Type	JAN 98		CAN\$MWh ²
	Energy (MWh)	Revenue (CAN\$)	
Hydraulic	2 165 344	62 583 264	28.90
Imported Coal	258	13 788	53.44
Imported Oil	7 765	375 689	48.38
Other	449 062	14 010 990	31.20
Total	2 622 439	76 983 731	29.16

Footnotes:

1. Source of production data: filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:

- Revenue for Permit 92 not available.



National Energy Board
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TABLE 5
Source of Production Report
by Exporter

Page 1
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Exporter	Fuel Type	Authorization	JAN98		
			Energy (MW.h)	Revenue (CANS)	CANS/MW.h
BC Hydro/Power	Hydraulic	Permit 43	507 307	14 255 838	28.10
		Subtotal	507 307	14 255 838	28.10
	Other	Permit 43	177 171	4 978 684	28.10
		Permit 44	20 311	568 406	27.99
	Subtotal	Subtotal	197 482	5 547 090	28.09
			704 789	19 802 928	28.10
Cominco	Hydraulic	Permit 57	26 325	724 066	27.51
		Subtotal	26 325	724 066	27.50
	Subtotal		26 325	724 066	27.50
Hydro-Quebec	Hydraulic	Licence 176	475 111	16 100 379	33.89
		Licence 180	22 082	823 710	37.30
		Licence 181	30 466	1 136 452	37.30
		Licence 182	8 791	327 925	37.30
		Licence 183	5 436	202 775	37.30
		Licence 184	3 130	116 756	37.30
		Permit 64	57 615	1 992 598	34.59
		Permit 65	258 835	10 695 516	41.32
	Subtotal	Subtotal	861 466	31 396 112	36.44
			861 466	31 396 112	36.44

Footnotes:

1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:

- Revenue for Permit 92 not available.



TABLE 5
Source of Production Report ¹
by Exporter

Exporter	Fuel Type	Authorization	JAN98	
			Energy (MW.h)	Revenue (CANS) ²
Manitoba Hydro	Hydraulic	Licence 170	265 985	5 807 983
		Permit 45	139 946	2 860 837
		Permit 46	357 037	7 389 438
		Permit 68	7 275	148 921
		Subtotal	770 243	16 207 179
	Other	Licence 170	22 565	492 724
		Subtotal	22 565	492 724
	Subtotal		792 808	16 699 903
NB Power	Imported Oil	Permit 15	0	5
		Permit 16	1	68
		Permit 18	250	13 518
		Permit 47	1 802	92 636
		Permit 91	5 712	269 463
		Subtotal	7 765	375 689
	Other	Permit 15	83	3 971
		Permit 16	48	2 495
		Permit 18	1 899	103 272
		Permit 47	5 998	308 362
		Permit 91	129 572	7 301 703
	Subtotal		137 600	7 719 803
	Subtotal		145 365	8 095 492

Footnotes:

1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:

- Revenue for Permit 92 not available.



National Energy Board
Office national de l'énergie

TABLE 5
Source of Production Report ¹
by Exporter

Page 3
98/03/24

Exporter	Fuel Type	Authorization	JAN98		
			Energy (MW.h)	Revenue (CANS)	CANS/MW.h
Ont. Hydro/OHIM	Hydraulic	Permit 21	3	69	22.87
		Subtotal	3	69	22.87
	Imported Coal	Permit 21	258	13 788	53.44
		Subtotal	258	13 788	53.44
	Other	Permit 21	2 515	97 658	38.83
		Subtotal	2 515	97 658	38.83
Powerex	Subtotal		2 776	111 514	40.17
	Other	Permit 92	85 560	0	0.00
		Permit 95	3 340	153 715	46.02
	Subtotal		88 900	153 715	1.73
			88 900	153 715	1.73
Total All Exporters			2 622 429	76 983 731	29.36

Footnotes:

1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:

- Revenue for Permit 92 not available.

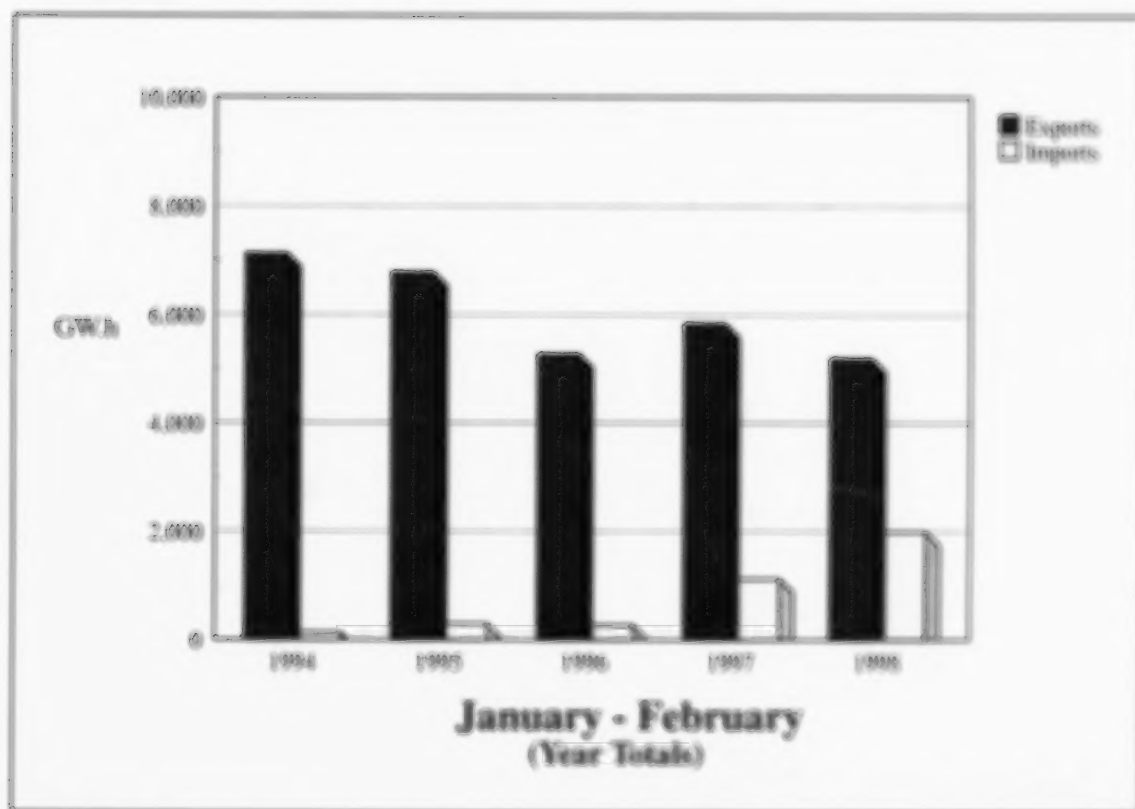


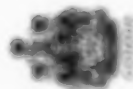
Electricity Exports and Imports

Monthly Statistics for: February 1998

Exports: **2494** GWh

Imports: **968** GWh





National Energy Board
Office National de l'Énergie

TABLE I
Exports and Imports of Electricity
Summary: Canada
FEBRUARY 1998

Page 1
continued

Exchange Type	Energy (MMWh)		Revenues (Cdn\$)		Earnings (MMWh)	
	1998	1997	1998	1997	1998	1997
Exports of Electric Energy						
From						
Interprovincial	1,388,474	2,713,475	24,667,438	144,148,137	34,467	38,467
Non-Residential/Industrial	1,313,487	2,642,776	12,381,426	71,021,044	34,467	38,467
Service	407,414	700,172	0	0	0	0
Service	48,381	86,468	0	0	0	0
Total Exports	3,157,756	6,142,921	27,048,864	165,169,181	34,467	38,467
Total Sales: From and Interprovincial	2,444,341	5,100,449	16,767,344	106,148,181	34,467	38,467
Imports of Electric Energy						
From						
Interprovincial	344,147	473,481	0	0	0	0
Non-Residential/Industrial	967,481	1,862,481	17,481,426	10,171,027	17,481	31,117
Service	72,445	158,481	17,423	41,423	17,423	31,117
Total Imports	1,384,113	2,494,443	17,498,851	10,212,454	17,423	31,117
Balance of Exports (Over Imports)	1,773,643	3,648,478	10,550,013	164,956,727	17,423	7,350
Number of Export Licenses	17					
Number of Export Renewable/Nonrenewable	17					

For further information, contact:
David Weir,
Research Officer,
Energy Commission Branch
National Energy Board
(416) 593-3474

Additional Notes:
Revenues (in Millions of dollars available)

Explanations:
1. Includes capacity and energy charges.
2. Average value for the month and day.
3. Not comparable: includes capacity charges.



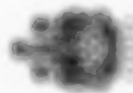
TABLE 2A
Report Summary Report
to Governor, Auditor/Commission and Executive Type

Scenario	Assumptions	Exchange (1 yr)		Storage (1000 kg)		Revenue (1 yr)		Net (1000 kg)	
		Storage	Revenue	Storage	Revenue	Storage	Revenue	Storage	Revenue
Scenario 1									
Revenue (1)	Revenue (1)		(10)		(10)		(1000)		(1000)
	Revenue (2)		(2-10-10)		(2-10-10)		(10-1000)		(10-1000)
Scenario 1b: with 1000 kg supplied to power (1000 kg)									
Revenue (1)	Revenue (1)		(1000)		(1000)		(1000-1000)		(0-0)
	Revenue (2)		(2-1000-1000)		(2-1000-1000)		(1000-1000)		(1000-1000)
Scenario 2									
Revenue (1)	Revenue (1)		(10)		(10)		(1000)		(1000)
	Revenue (2)		(2-10-10)		(2-10-10)		(10-1000)		(10-1000)
Revenue (1)	Revenue (1)		(1000)		(1000)		(1000-1000)		(0-0)
	Revenue (2)		(2-1000-1000)		(2-1000-1000)		(1000-1000)		(1000-1000)
Scenario 3									
Revenue (1)	Revenue (1)		(10)		(10)		(1000)		(1000)
	Revenue (2)		(2-10-10)		(2-10-10)		(10-1000)		(10-1000)
Revenue (1)	Revenue (1)		(1000)		(1000)		(1000-1000)		(0-0)
	Revenue (2)		(2-1000-1000)		(2-1000-1000)		(1000-1000)		(1000-1000)
Scenario 4									
Revenue (1)	Revenue (1)		(10)		(10)		(1000)		(1000)
	Revenue (2)		(2-10-10)		(2-10-10)		(10-1000)		(10-1000)
Revenue (1)	Revenue (1)		(1000)		(1000)		(1000-1000)		(0-0)
	Revenue (2)		(2-1000-1000)		(2-1000-1000)		(1000-1000)		(1000-1000)
Scenario 5									
Revenue (1)	Revenue (1)		(10)		(10)		(1000)		(1000)
	Revenue (2)		(2-10-10)		(2-10-10)		(10-1000)		(10-1000)
Revenue (1)	Revenue (1)		(1000)		(1000)		(1000-1000)		(0-0)
	Revenue (2)		(2-1000-1000)		(2-1000-1000)		(1000-1000)		(1000-1000)
Scenario 6									
Revenue (1)	Revenue (1)		(10)		(10)		(1000)		(1000)
	Revenue (2)		(2-10-10)		(2-10-10)		(10-1000)		(10-1000)
Revenue (1)	Revenue (1)		(1000)		(1000)		(1000-1000)		(0-0)
	Revenue (2)		(2-1000-1000)		(2-1000-1000)		(1000-1000)		(1000-1000)
Scenario 7									
Revenue (1)	Revenue (1)		(10)		(10)		(1000)		(1000)
	Revenue (2)		(2-10-10)		(2-10-10)		(10-1000)		(10-1000)
Revenue (1)	Revenue (1)		(1000)		(1000)		(1000-1000)		(0-0)
	Revenue (2)		(2-1000-1000)		(2-1000-1000)		(1000-1000)		(1000-1000)
Scenario 8									
Revenue (1)	Revenue (1)		(10)		(10)		(1000)		(1000)
	Revenue (2)		(2-10-10)		(2-10-10)		(10-1000)		(10-1000)
Revenue (1)	Revenue (1)		(1000)		(1000)		(1000-1000)		(0-0)
	Revenue (2)		(2-1000-1000)		(2-1000-1000)		(1000-1000)		(1000-1000)
Scenario 9									
Revenue (1)	Revenue (1)		(10)		(10)		(1000)		(1000)
	Revenue (2)		(2-10-10)		(2-10-10)		(10-1000)		(10-1000)
Revenue (1)	Revenue (1)		(1000)		(1000)		(1000-1000)		(0-0)
	Revenue (2)		(2-1000-1000)		(2-1000-1000)		(1000-1000)		(1000-1000)

[illegible]

As shown in Figure 1, the results of the regression analysis are as follows:

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Government of India
Ministry of Finance

Part II

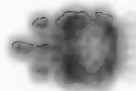
Report on the Sources, Distribution and Exchange of Money

Page
1

Source	Amount	Type	1950-51		1951-52		1952-53	
			(Rs.)	(Lacs)	(Rs.)	(Lacs)	(Rs.)	(Lacs)
Government								
Revenue	1000	0	1000	0	1000	0	1000	0
Capital	1000	0	1000	0	1000	0	1000	0
Debt	1000	0	1000	0	1000	0	1000	0
Other	1000	0	1000	0	1000	0	1000	0
Private								
Revenue	1000	0	1000	0	1000	0	1000	0
Capital	1000	0	1000	0	1000	0	1000	0
Debt	1000	0	1000	0	1000	0	1000	0
Other	1000	0	1000	0	1000	0	1000	0
Total								
Revenue	2000	0	2000	0	2000	0	2000	0
Capital	2000	0	2000	0	2000	0	2000	0
Debt	2000	0	2000	0	2000	0	2000	0
Other	2000	0	2000	0	2000	0	2000	0

1. Revenue
2. Capital
3. Debt
4. Other

1. Revenue
2. Capital
3. Debt
4. Other

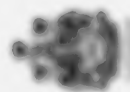


Research Report Research Report Research Report

Name	Address	City	Phone (010)		Fax (010)		E-mail		Web	
			Home	Work	Home	Work	Home	Work	Home	Work
Jyväskylä	Home - 010	010	010	010	010	010	010	010	010	010
	Home - 010	010	010	010	010	010	010	010	010	010
	Home - 010	010	010	010	010	010	010	010	010	010
	Home - 010	010	010	010	010	010	010	010	010	010
Jyväskylä University of Applied Sciences										
Jyväskylä	Home - 010	010	010	010	010	010	010	010	010	010
	Home - 010	010	010	010	010	010	010	010	010	010
	Home - 010	010	010	010	010	010	010	010	010	010
	Home - 010	010	010	010	010	010	010	010	010	010
Jyväskylä University of Applied Sciences										
Jyväskylä	Home - 010	010	010	010	010	010	010	010	010	010
	Home - 010	010	010	010	010	010	010	010	010	010
	Home - 010	010	010	010	010	010	010	010	010	010
	Home - 010	010	010	010	010	010	010	010	010	010
Jyväskylä University of Applied Sciences										
Jyväskylä	Home - 010	010	010	010	010	010	010	010	010	010
	Home - 010	010	010	010	010	010	010	010	010	010
	Home - 010	010	010	010	010	010	010	010	010	010
	Home - 010	010	010	010	010	010	010	010	010	010
Jyväskylä University of Applied Sciences										

Research Report
Research Report
Research Report

Research Report
Research Report
Research Report



National Energy Board
Office authorized to exchange

TABLE 2A

**Export Summary Report
by Source, Authorizations and Exchange Type**

Page 8
continued

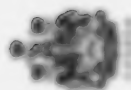
Source	Authorizations	Exchange Type	Energy (GWh)		Revenue of sales ¹		Expenditures ²	
			million	percent	million	percent	million	percent
Quebec								
Hydro-Quebec	License 176	P	454 700	100 000	14 000 000	100 000	10 700 000	100 000
	License 188	P	40 700	40 000	7 000 000	100 000	10 000 000	100 000
	License 189	P	30 000	100 000	2 000 000	100 000	2 000 000	100 000
	License 190	P	10 000	100 000	1 000 000	100 000	1 000 000	100 000
	License 191	P	0	0	0	0	0	0
	License 192	P	0	0	0	0	0	0
	License 193	P	0	0	0	0	0	0
	License 194	P	0	0	0	0	0	0
	License 195	P	0	0	0	0	0	0
	License 196	P	0	0	0	0	0	0
Private 197	P	200	200	17 000	100 000	17 000	100 000	
Private 198	P	100 000	100 000	1 000 000	100 000	1 000 000	100 000	
Private 199	P	200 000	200 000	2 000 000	100 000	2 000 000	100 000	
Private 200	P	200 000	200 000	2 000 000	100 000	2 000 000	100 000	
Subtotal Firm and Interregional Exports (Quebec)								
			504 700	100 000	16 000 000	100 000	10 700 000	100 000
Netherlands								
Total Firm	License 100	P	1 000	1 000	20 000	100 000	20 000	100 000
	License 101	P	1 000	1 000	20 000	100 000	20 000	100 000
Private 102	P	1 000	1 000	20 000	100 000	20 000	100 000	
Subtotal Firm and Interregional Exports (Netherlands)								
			2 000	2 000	40 000	100 000	40 000	100 000
Total Firm and Interregional Exports								
			506 700	100 000	16 040 000	100 000	10 740 000	100 000

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (including capacity charges).

Additional Notes:

- Revenue for License 100 not available.

1. Firm Sales
2. Interregional Sales
3. Private Sales
4. Non-Firm Sales
5. Non-Firm Sales (Other Revenue or Subsidies)
6. Non-Firm Sales (Other Revenue or Subsidies)



National Energy Board
Office national de l'énergie

TABLE 2B
Import Summary Report
by Destination, Authorization and Exchange Type

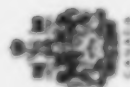
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1

Destination	Authorization	Exchange Type	Energy (GWh)		Revenue of ENB		E.A.S. (M\$)
			20,000	24,000	20,000	24,000	
Alberta							
Transmission		P	347	540	9,436	23,495	40.17
Export credits		P	306	2,362	8,148	38,945	26.45
Subtotal Purchased Imports: Alberta							
			653	2,902	19,584	77,439	66.62
British Columbia							
BC Hydro		P	45	26	567	1,790	48.61
BC Hydro/Power		P	515,143	518,000	9,233,949	9,481,426	14.22
West Swatara		P	20,115	43,200	498,217	1,541,993	21.21
Subtotal Purchased Imports: British Columbia							
			215,213	581,276	9,732,713	11,025,219	34.79
Manitoba							
Manitoba Hydro		N	-42,213	-37,523	0	0	0.00
		P	965	19,175	111,261	411,223	14.72
Subtotal Purchased Imports: Manitoba							
			923	19,175	111,261	411,223	14.72

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (includes capacity charges).

Additional Notes:
- Revenue for Province CT not available.

P - Power Sales
E - Interprovincial Sales
P - Purchased Imports
N - Non-Resident (Not Resident or Independent)
S - Service (Selling Revenue, Not-up, Not-Rent, Transmission, etc.)



National Energy Board
Office national de l'énergie

TABLE 2B
Import Summary Report
by Destination, Authorization and Exchange Type

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00000000

Destination	Authorization	Exchange Type	Energy (MWh)		Revenue of ANS ¹		CANS/000 0 ²	
			FF 8000	JAN00 - FF 8000	FF 8000	JAN00 - FF 8000	FF 8000	1.12M
New Brunswick								
Marine & NB	-	P	463	1 245	24 660	50 173	53.26	47.18
NB Power		N	-1 496	-11 927	0	0	0.00	0.00
		S	8 943	19 445	0	0	0.00	0.00
Subtotal Purchased Imports: New Brunswick			463	1 245	24 660	50 173	53.26	47.18
Ontario								
Cdn. Niagara		N	423	580	0	0	0.00	0.00
Cornwall Ex.		P	1 554	1 752	234 756	295 061	151.07	120.66
		S	37 550	40 472	0	0	0.00	0.00
D&W Subway		P	134	275	0	0	0.00	0.00
Ontario Hydro		N	245 251	507 896	0	0	0.00	0.00
		P	422 189	1 089 073	1 122 062	5 625 646	3.61	23.63
		S	13 866	52 480	11 923	41 293	0.86	0.87
Subtotal Purchased Imports: Ontario			423 877	1 091 160	1 122 062	5 321 67	4.15	23.50

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

Additional Notes:

- Revenue for Permit 92 not available.

P - Firm Sales

I - Interruptible Sales

P - Purchase (Import)

N - Non-Revenue (Non-Revenue or Inadvertent)

S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)



TABLE 2B

Import Summary Report

by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h)		Revenue (CANS)		CANS/MW.h	
			FEB98	JAN98 - FEB98	FEB98	JAN98 - FEB98	FEB98	L12M
Quebec								
Hydro-Quebec	-	N	10 241	11 155	0	0	0.00	0.00
		P	201 828	281 258	10 047 829	16 595 232	35.55	31.30
		S	1 986	1 986	0	0	0.00	0.00
Subtotal Purchased Imports: Quebec			201 828	281 258	10 047 829	16 595 232	35.55	31.30
Saskatchewan								
Sask. Power		N	1 976	3 520	0	0	0.00	0.00
		P	4 950	36 863	92 002	867 292	18.59	21.04
		S	10 600	25 200	0	0	0.00	0.00
Subtotal Purchased Imports: Saskatchewan			4 950	36 863	92 002	867 292	18.59	21.04
Total Purchased Imports:			967 993	1 994 661	17 980 223	35 153 827	15.30	21.12

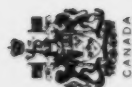
Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)



National Energy Board
Office national de l'énergie

TABLE 3A
Export Sales Summary Report
by Destination and Source

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Destination	Source	Energy (MW.h) ¹		Revenue (CAN\$) ²		CANS/MW.h ²	
		FEB98	JAN98 - FEB98	FEB98	JAN98 - FEB98	FEB98	L12M
Alaska	British Columbia	0	146	0	3 261	0.00	65.01
Subtotal Exports: Alaska		0	146	0	3 261	0.00	65.01
Arizona	British Columbia	400	400	9 965	9 965	24.91	22.35
Subtotal Exports: Arizona		400	400	9 965	9 965	24.91	22.35
California	British Columbia	23 371	72 602	635 624	2 159 406	27.20	26.74
Subtotal Exports: California		23 371	72 602	635 624	2 159 406	27.20	26.74
Idaho	British Columbia	11 225	28 680	354 748	939 662	31.60	23.29
Subtotal Exports: Idaho		11 225	28 680	354 748	939 662	31.60	23.29
Iowa	Manitoba	19 615	25 407	260 474	334 809	13.28	11.95
Subtotal Exports: Iowa		19 615	25 407	260 474	334 809	13.28	11.95
Maine	New Brunswick	222 697	388 922	11 293 346	21 185 545	44.72	43.08
Subtotal Exports: Maine		222 697	388 922	11 293 346	21 185 545	44.72	43.08
Michigan	Ontario	938	1 080	33 058	33 058	35.25	22.02
Subtotal Exports: Michigan		938	1 080	33 058	33 058	35.25	22.02
Minnesota	Manitoba	717 865	1 378 502	21 220 690	41 683 838	19.85	19.73
Subtotal Exports: Minnesota	Ontario	0	2 745	0	110 805	0.00	34.18
		717 865	1 381 247	21 220 690	41 794 643	19.85	19.87
Missouri	Manitoba	240	245	4 990	5 190	20.79	20.27
Subtotal Exports: Missouri		240	245	4 990	5 190	20.79	20.27

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.



National Energy Board
Office national de l'énergie

TABLE 3A
Export Sales Summary Report
by Destination and Source

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98/04/08

Destination	Source	Energy (MW.h)		Revenue (CANS)		CANS/MW.h ²	
		FEB98	JAN98 - FEB98	FEB98	JAN98 - FEB98	FEB98	L12M
Montana	British Columbia	112	804	3 891	26 351	34.75	26.37
Subtotal Exports: Montana		112	804	3 891	26 351	34.75	26.37
Nebraska	Manitoba	362	496	6 728	12 097	18.59	31.81
Subtotal Exports: Nebraska		362	496	6 728	12 097	18.59	31.81
New England	Quebec	730 719	1 470 948	26 569 002	53 578 306	36.36	33.83
Subtotal Exports: New England		730 719	1 470 948	26 569 002	53 578 306	36.36	33.83
New York	Ontario	7 846	36 491	155 130	779 377	19.77	21.78
	Quebec	8 494	32 999	411 171	1 338 015	48.41	35.17
Subtotal Exports: New York		16 340	69 490	566 301	2 117 392	34.66	30.64
North Dakota	Manitoba	2 259	2 497	39 156	43 501	17.33	19.77
	Saskatchewan	1 000	1 850	20 875	44 310	20.88	24.05
Subtotal Exports: North Dakota		3 259	4 347	60 031	87 811	18.42	21.59
Oregon	Alberta	0	100	0	3 025	0.00	18.39
	British Columbia	73 398	149 420	1 822 306	3 808 114	24.83	23.99
Subtotal Exports: Oregon		73 398	149 520	1 822 306	3 811 139	24.83	23.85
Pennsylvania	Ontario	28	59	652	1 361	23.30	25.53
Subtotal Exports: Pennsylvania		28	59	652	1 361	23.30	25.53
South Dakota	Manitoba	145	145	2 151	2 151	14.84	25.82
Subtotal Exports: South Dakota		145	145	2 151	2 151	14.84	25.82
Texas	Manitoba	37 932	95 737	939 345	2 186 487	24.76	16.77
Subtotal Exports: Texas		37 932	95 737	939 345	2 186 487	24.76	16.77

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.



National Energy Board
Office national de l'énergie

TABLE 3A
Export Sales Summary Report
by Destination and Source

Page 3
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Destination	Source	Energy (MW.h)		Revenue (CANS) ¹		CANS/MW.h ²	
		FEB98	JAN98 - FEB98	FEB98	JAN98 - FEB98	FEB98	L12M
Vermont	Quebec	123 653	220 385	14 539 701	28 178 523	35.66	34.29
Subtotal Exports: Vermont		123 653	220 385	14 539 701	28 178 523	35.66	34.29
Washington	Alberta	23 065	44 285	381 136	849 135	16.52	16.30
	British Columbia	416 186	1 092 800	9 322 961	25 886 707	22.40	22.36
	Saskatchewan	1 267	1 382	29 002	31 992	22.89	33.12
Subtotal Exports: Washington		440 518	1 138 467	9 733 100	26 767 835	22.09	22.26
Wisconsin	Manitoba	71 545	140 322	1 509 481	3 005 971	20.94	20.12
Subtotal Exports: Wisconsin		71 545	140 322	1 509 481	3 005 971	20.94	20.12
Total Exports		2 494 361	5 189 448	89 565 584	186 240 963	28.51	26.87

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.



National Energy Board
Office national de l'énergie

TABLE 3B
Import Purchases Summary Report
by Source and Destination

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9/6/04/08

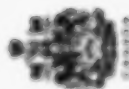
Source	Destination	Energy (MW.h)		Revenue (CAN\$)		CAN\$/MW.h	
		FEB98	JAN98 - FEB98	FEB98	JAN98 - FEB98	FEB98	L12M
Maine	New Brunswick	463	1 245	24 660	56 173	53.26	47.18
Subtotal Imports: Maine		463	1 245	24 660	56 173	53.26	47.18
Michigan	Ontario	383 391	942 191	827 324	2 010 508	2.16	22.09
Subtotal Imports: Michigan		383 391	942 191	827 324	2 010 508	2.16	22.09
Minnesota	Manitoba	965	1 065	28 658	31 349	26.18	15.85
	Ontario	50	4 745	1 092	118 239	21.84	22.16
Subtotal Imports: Minnesota		1 015	5 810	29 750	149 588	25.97	21.68
Montana	Alberta	247	540	9 930	21 695	40.13	40.13
	British Columbia	15	29	767	1 791	51.13	68.61
Subtotal Imports: Montana		262	569	10 697	23 486	40.76	41.77
Nebraska	Manitoba	0	0	10 673	21 357	0.00	0.00
Subtotal Imports: Nebraska		0	0	10 673	21 357	0.00	0.00
New England	Quebec	401	11 331	-26 321	1 351 091	-65.64	117.71
Subtotal Imports: New England		401	11 331	-26 321	1 351 091	-65.64	117.71
New York	Ontario	40 436	144 164	929 302	3 192 860	22.98	31.06
	Quebec	201 427	269 927	7 202 307	9 486 837	35.76	29.64
Subtotal Imports: New York		241 863	414 091	8 131 609	12 679 697	33.62	30.35
North Dakota	Manitoba	0	350	0	10 647	0.00	30.42
	Saskatchewan	0	29 463	0	690 106	0.00	20.50
Subtotal Imports: North Dakota		0	29 813	0	700 753	0.00	20.52

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

Additional Notes:

- Revenue for Permit 92 not available.



National Energy Board
Conseil national de l'énergie

TABLE 3B
Import Purchases Summary Report
by Source and Destination

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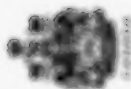
Source	Destination	Energy (MWh)		Revenue (CAN\$)		CANSIM# ²	
		FEB06	JAN06 - FEB06	FEB06	JAN06 - FEB06	FEB06	1.12M
Ontario	Alberta	0	59	0	1 585	0.00	31.79
Subtotal Imports: Ontario		0	59	0	1 585	0.00	31.79
South Dakota	Manitoba	0	18 210	0	250 610	0.00	13.76
Subtotal Imports: South Dakota		0	18 210	0	250 610	0.00	13.76
Texas	Manitoba	0	0	71 930	95 751	0.00	0.00
Subtotal Imports: Texas		0	0	71 930	95 751	0.00	0.00
Vermont	Quebec	0	0	2 871 843	5 757 304	0.00	34.78
Subtotal Imports: Vermont		0	0	2 871 843	5 757 304	0.00	34.78
Washington	Alberta	390	2 152	8 510	54 010	21.82	29.11
	British Columbia	335 258	561 649	5 927 546	11 823 219	17.64	14.74
	Saskatchewan	4 950	7 400	92 002	177 186	18.58	27.63
Subtotal Imports: Washington		340 398	571 201	6 020 057	12 054 415	37.97	14.82
Wisconsin	Manitoba	0	150	0	5 510	0.00	25.45
Subtotal Imports: Wisconsin		0	150	0	5 510	0.00	25.45
Total Imports		667 985	1 994 663	87 960 223	201 103 827	10.30	21.12

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (includes capacity charges).

Additional Notes:

- Revenue for Permit #2 not available.



National Energy Board
Office national de l'énergie

TABLE 4
Source of Production Report¹
Canadian Exports

Page 1
06/02/08

Fuel Type	1994-95	
	Energy (1000 bbl)	Revenue of 1994 ²
Hydrocarbons	1 807 767	51 826 246
Imported Coal	37	999
Imported Oil	13 006	816 522
Other	607 675	17 000 726
Total	2 428 485	69 797 583

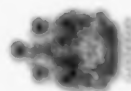
Footnotes:

1. Source of production data: HEDS, major exporters only.

2. Revenue figures are for illustrative purposes only and are strictly indicative of energy costs.

Additional Notes:

Revenue for Demand 12, not available.



National Energy Board
Conseil national de l'énergie

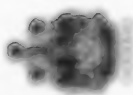
TABLE 3
Source of Production Report¹
by Energy

Page
00000000

Energy	Fuel Type	Substitution	1974-75	
			Energy (MMBtu)	Revenue (M\$)
Oil Refineries	Hydrocarbons	Account all	75,000	1,000,000
		Subtotal	75,000	1,000,000
	Other	Account all	121,123	8,710,000
		Account all	121,123	8,710,000
	Subtotal	Account all	196,123	9,720,000
		Subtotal	196,123	9,720,000
Coal	Hydrocarbons	Account all	1,000,000	10,000,000
		Subtotal	1,000,000	10,000,000
	Other	Account all	1,000,000	10,000,000
		Account all	1,000,000	10,000,000
	Subtotal	Account all	2,000,000	20,000,000
		Subtotal	2,000,000	20,000,000
Natural Gas	Hydrocarbons	Account all	1,000,000	10,000,000
		Subtotal	1,000,000	10,000,000
	Other	Account all	1,000,000	10,000,000
		Account all	1,000,000	10,000,000
	Subtotal	Account all	2,000,000	20,000,000
		Subtotal	2,000,000	20,000,000
Electricity	Hydrocarbons	Account all	1,000,000	10,000,000
		Subtotal	1,000,000	10,000,000
	Other	Account all	1,000,000	10,000,000
		Account all	1,000,000	10,000,000
	Subtotal	Account all	2,000,000	20,000,000
		Subtotal	2,000,000	20,000,000

1. Source of production data (M\$); report on energy costs.
2. Revenue figures are the difference between cost and net energy efficiency (M\$); energy costs.

Additional Notes:
Revenue by Account (M\$); net revenue.



Secretariat, Government of India
New Delhi

TABLE 3
Source of Production Report
by Region

Page 2

Region	Sub-region	Type of crop	Production (in thousands of tons)	
			1950-51	1951-52
Haryana	Haryana (H)		100-000	100-000
	Haryana (H)		100-000	100-000
	Haryana (H)		100-000	100-000
	Haryana (H)		100-000	100-000
	Haryana (H)		100-000	100-000
Punjab	Punjab (P)		100-000	100-000
	Punjab (P)		100-000	100-000
	Punjab (P)		100-000	100-000
	Punjab (P)		100-000	100-000
	Punjab (P)		100-000	100-000
Uttar Pradesh	Uttar Pradesh (U)		100-000	100-000
	Uttar Pradesh (U)		100-000	100-000
	Uttar Pradesh (U)		100-000	100-000
	Uttar Pradesh (U)		100-000	100-000
	Uttar Pradesh (U)		100-000	100-000
Bihar	Bihar (B)		100-000	100-000
	Bihar (B)		100-000	100-000
	Bihar (B)		100-000	100-000
	Bihar (B)		100-000	100-000
	Bihar (B)		100-000	100-000
Madhya Pradesh	Madhya Pradesh (M)		100-000	100-000
	Madhya Pradesh (M)		100-000	100-000
	Madhya Pradesh (M)		100-000	100-000
	Madhya Pradesh (M)		100-000	100-000
	Madhya Pradesh (M)		100-000	100-000
Gujarat	Gujarat (G)		100-000	100-000
	Gujarat (G)		100-000	100-000
	Gujarat (G)		100-000	100-000
	Gujarat (G)		100-000	100-000
	Gujarat (G)		100-000	100-000
Maharashtra	Maharashtra (M)		100-000	100-000
	Maharashtra (M)		100-000	100-000
	Maharashtra (M)		100-000	100-000
	Maharashtra (M)		100-000	100-000
	Maharashtra (M)		100-000	100-000
Karnataka	Karnataka (K)		100-000	100-000
	Karnataka (K)		100-000	100-000
	Karnataka (K)		100-000	100-000
	Karnataka (K)		100-000	100-000
	Karnataka (K)		100-000	100-000
Andhra Pradesh	Andhra Pradesh (A)		100-000	100-000
	Andhra Pradesh (A)		100-000	100-000
	Andhra Pradesh (A)		100-000	100-000
	Andhra Pradesh (A)		100-000	100-000
	Andhra Pradesh (A)		100-000	100-000
Tamil Nadu	Tamil Nadu (T)		100-000	100-000
	Tamil Nadu (T)		100-000	100-000
	Tamil Nadu (T)		100-000	100-000
	Tamil Nadu (T)		100-000	100-000
	Tamil Nadu (T)		100-000	100-000
Kerala	Kerala (K)		100-000	100-000
	Kerala (K)		100-000	100-000
	Kerala (K)		100-000	100-000
	Kerala (K)		100-000	100-000
	Kerala (K)		100-000	100-000

1. Source of production data: Ministry of Agriculture, Government of India.
2. Source of data on the production of crops: Ministry of Agriculture, Government of India.
3. Source of data on the production of crops: Ministry of Agriculture, Government of India.

Additional Notes:
Source of data on the production of crops: Ministry of Agriculture, Government of India.



08-0718
Sources of Bioactive Compounds for Medication

Country		Year	Population (millions)	Population (millions)	Population (millions)	Population (millions)
			1990	2000	2010	2020
Africa	Algeria	1990	1.4	1.4	1.4	1.4
	Algeria	2000	1.4	1.4	1.4	1.4
	Algeria	2010	1.4	1.4	1.4	1.4
	Algeria	2020	1.4	1.4	1.4	1.4
Asia	China	1990	1.1	1.1	1.1	1.1
	China	2000	1.1	1.1	1.1	1.1
	China	2010	1.1	1.1	1.1	1.1
	China	2020	1.1	1.1	1.1	1.1
Europe	Germany	1990	0.8	0.8	0.8	0.8
	Germany	2000	0.8	0.8	0.8	0.8
	Germany	2010	0.8	0.8	0.8	0.8
	Germany	2020	0.8	0.8	0.8	0.8
North America	USA	1990	2.5	2.5	2.5	2.5
	USA	2000	2.5	2.5	2.5	2.5
	USA	2010	2.5	2.5	2.5	2.5
	USA	2020	2.5	2.5	2.5	2.5
South America	Brazil	1990	1.5	1.5	1.5	1.5
	Brazil	2000	1.5	1.5	1.5	1.5
	Brazil	2010	1.5	1.5	1.5	1.5
	Brazil	2020	1.5	1.5	1.5	1.5

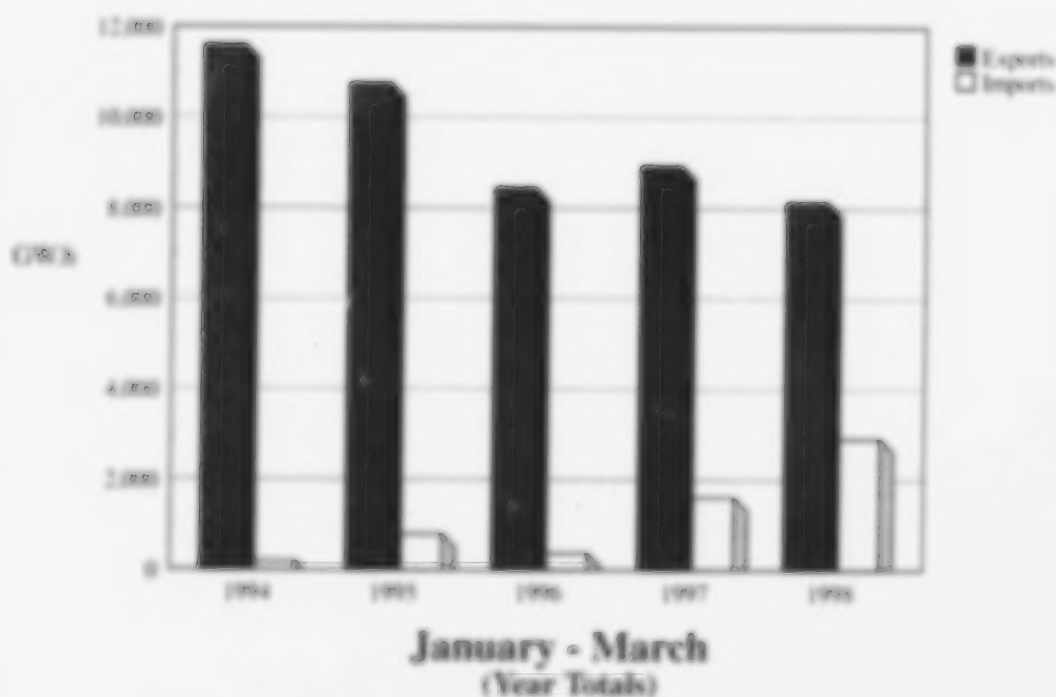


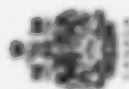
Electricity Exports and Imports

Monthly Statistics for: March 1998

Exports: **2953** GWh

Imports: **914** GWh





National Energy Board
Office national de l'énergie

TABLE 1
Exports and Imports of Electricity
Summary: Canada
MARCH 1998

Page 1
00000000

Exchange Type	Energy (MWh)		Revenue of ANO ¹		CAN\$MTO ²	
	MAR98	JAN98 - MAR98	MAR98	JAN98 - MAR98	MAR98	JAN98 - MAR98
Exports of Electric Energy						
Firm	3 581 177	4 308 850	65 535 663	181 684 786	30.60	29.25
Intermittent	1 371 630	1 641 605	60 541 466	110 633 307	28.75	25.63
New Revenue/Headwater	364 359	1 153 530	0	0	0.00	0.00
Service	40 422	155 830	0	0	0.00	0.00
Total Exports	5 356 786	6 158 785	126 077 129	292 318 092	59.35	54.88
Total Sales - Firm and Intermittent	2 953 007	8 142 655	106 077 129	292 318 092	29.74	27.19
Imports of Electric Energy						
New Revenue/Headwater	308 603	782 597	0	0	0.00	0.00
Purchase	913 661	2 908 322	18 662 746	53 756 573	17.16	21.19
Service	79 567	219 150	11 872	53 165	0.15	0.44
Total Imports	1 301 832	3 910 069	18 674 618	106 921 738	12.06	16.71
Excess of Exports Over Imports	4 054 954	2 248 716	107 402 511	285 396 354		

Number of Export Licences: 17
Number of Export Permits/Orders: 82

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Footnotes:

1. Includes capacity and energy charges.

2. Average value for the month and the last 12 months (excludes capacity charges).

Additional Notes:

Revenue for Permit 92 not available.

For further information, contact:
Dave Walker,
Research Officer,
Energy Commodities Branch
National Energy Board
(416) 299-3171



TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (CANS)		CANS/MW.h ²
			MAR98	JAN98 - JAN98	MAR98	JAN98 - JAN98	
Alberta							
Trans-Alta Ener.	Permit 74	F	2 980	21 320	45 402	471 024	16.52
Subtotal Firm and Interruptible Exports: Alberta			2 980	21 320	45 402	471 024	16.52
British Columbia							
BC Hydro	Permit 105 Treaty	F N	95 43 014	146 36 812	2 145 0	3 261 0	57.37 0.00
BC HydroPower	Permit 43 Permit 44	I F	306 538 15 549	684 478 20 311	8 419 881 386 020	19 234 522 568 406	25.14 29.05
Cominco	Permit 57	I	32 579	26 325	836 316	724 066	23.94
Powertex	Permit 92 Permit 95	F F	85 560 2 220	85 560 3 340	0 117 958	0 153 715	0.00 44.46
Subtotal Firm and Interruptible Exports: British Columbia			442 541	820 160	9 762 321	20 683 971	23.31

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.

F - Firm Sales

I - Interruptible Sales

P - Purchase (Import)

N - Non-Revenue (Non-Revenue or Inadvertent)

S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)



National Energy Board
Office national de l'énergie

TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

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08/05/08

Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (CANS)		CANS/MW.h	
			MAR98	JAN98 - JAN98	MAR98	JAN98 - JAN98	MAR98	L12M
Manitoba Hydro	Licence 170	F	293 713	288 550	13 426 485	12 415 444	23.64	22.57
	Permit 45	F	135 941	139 946	3 170 623	3 034 265	22.18	20.42
	Permit 46	I	478 686	357 037	11 040 672	7 415 274	23.01	18.16
	Permit 61	N	-84 530	-28 459	0	0	0.00	0.00
	Permit 68	F	388	580	17 959	23 376	46.28	45.76
Subtotal Firm and Interruptible Exports: Manitoba			7 280	7 275	437 503	402 670	23.12	18.22
				793 388	28 093 242	23 291 029	23.10	19.76
New Brunswick								
Fraser Inc.	Permit 102	F	29 700	20 745	1 892 577	1 512 265	63.72	66.91
	Licence 177	F	20 677	112	424 103	86 836	16.40	16.40
NB Power	Permit 15	I	0	83	0	3 976	0.00	36.35
	Permit 16	N	659	284	0	0	0.00	0.00
	Permit 17	I	3 787	49	183 535	2 563	48.46	42.29
	Permit 18	N	-13 960	10 296	0	0	0.00	0.00
	Permit 28	S	2 163	10 502	0	0	0.00	0.00
Maine & NB	Permit 18	I	4 749	2 149	233 031	116 790	49.07	49.60
	Permit 28	N	-41	16	0	0	0.00	0.00
	Permit 47	F	3	3	372	414	125.23	120.74
			7 328	7 800	551 316	598 190	51.41	50.87

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.

F - Firm Sales

I - Interruptible Sales

P - Purchase (Import)

N - Non-Revenue (Non-Revenue or Inadvertent)

S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)



TABLE 2A

Export Summary Report

by Source, Authorization and Exchange Type

Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (CANS)		CANS/MW.h	
			MAR98	JAN98 - JAN98	MAR98	JAN98 - JAN98	MAR98	L12M
NB Power	Permit 91	I	392 402	135 284	14 272 083	7 571 165	33.66	40.92
Subtotal Firm and Interruptible Exports: New Brunswick			458 646	166 225	17 557 017	9 892 199	35.40	42.21
Ontario								
Cdn. Niagara	Permit 84	F	18 210	28 580	399 557	623 477	21.94	22.25
	Permit 85	S	19 366	2 955	0	0	0.00	0.00
Cornwall Elec.	Permit 82	I	244	42	2 562	724	10.50	20.37
	Permit 83	S	45 241	2 922	0	0	0.00	0.00
D&W Subway	Permit 26	F	144	142	0	0	0.00	0.00
Ont. Hydro/CHIM	Permit 21	I	40 381	2 776	1 680 381	111 514	41.61	23.62
		S	834	1 488	0	0	0.00	0.00
Ontario Hydro	Permit 22	N	359 351	256 554	0	0	0.00	0.00
	Permit 24	F	25	23	51	46	2.00	2.00
Subtotal Firm and Interruptible Exports: Ontario			59 005	31 563	2 082 551	735 761	35.29	23.51
Quebec								

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)



National Energy Board
Office national de l'énergie

TABLE 2A
Export Summary Report
by Source, Authorization and Exchange Type

Page 4
98/05/08

Source	Authorization	Exchange Type	Energy (MW.h)		Revenue (CANS)		CANS/MW.h	
			MAR98	JAN98 - JAN98	MAR98	JAN98 - JAN98	MAR98	L12M
Hydro-Quebec	Licence 176	F	511 526	475 111	17 039 635	16 100 379	33.31	32.18
	Licence 180	F	95 591	22 082	8 735 635	6 144 694	36.67	35.74
	Licence 181	F	29 272	30 466	2 602 701	2 692 263	36.67	35.88
	Licence 182	F	14 000	8 791	1 264 126	1 091 686	36.67	35.80
	Licence 183	F	20 550	5 436	2 151 601	1 625 034	36.67	35.61
	Licence 184	F	10 970	3 130	1 145 728	873 097	36.67	35.63
	Permit 64	I	110 714	57 615	3 807 983	2 007 727	34.26	34.51
		N	60 962	5 210	0	0	0.00	0.00
		S	1 818	0	0	0	0.00	0.00
	Permit 65	F	276 151	258 835	11 600 374	11 040 092	40.78	40.13
Subtotal Firm and Interruptible Exports: Quebec			1 068 774	861 466	48 347 782	41 574 970	35.87	34.44
Saskatchewan								
Sask. Power	Licence 119	I	1 750	50	65 022	1 892	37.16	24.56
	Permit 89	N	-1 096	539	0	0	0.00	0.00
Subtotal Firm and Interruptible Exports: Saskatchewan		F	3 383	915	123 792	24 532	36.59	33.40
			5 133	965	188 814	26 425	36.78	27.29
Total Firm and Interruptible Exports:			2 953 007	2 695 087	106 077 129	96 675 379	29.74	27.19

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.

F - Firm Sales

I - Interruptible Sales

P - Purchase (Import)

N - Non-Revenue (Non-Revenue or Inadvertent)

S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)



National Energy Board
Office national de l'énergie

TABLE 2B
Import Summary Report
by Destination, Authorization and Exchange Type

Page 5
9/9/95/08

Destination	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$)		CAN\$/MWh	
			MAR98	JAN98 - JAN98	MAR98	JAN98 - JAN98	MAR98	L12M
Alberta								
Enron Canada	-	P	1 980	0	43 530	0	21.98	21.98
TransAlta		P	237	292	9 672	11 765	40.75	38.87
TransCanada		P	0	1 812	0	47 085	0.00	20.15
Subtotal Purchased Imports: Alberta			2 217	2 104	53 202	58 850	23.99	23.57
British Columbia								
BC Hydro		P	9	14	763	1 024	84.78	68.96
BC Hydro/Powerco		P	241 262	203 207	4 235 347	4 748 317	17.55	15.68
West Kootenay		P	16 224	23 184	381 323	1 147 356	23.50	22.62
Subtotal Purchased Imports: British Columbia			257 495	226 405	4 617 433	5 896 697	17.93	16.83
Manitoba								
Manitoba Hydro		N	-80 848	-25 108	0	0	0.00	0.00
		P	77 700	18 810	1 779 483	299 963	21.96	20.62
Subtotal Purchased Imports: Manitoba			77 700	18 810	1 779 483	299 963	21.96	20.62

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

Additional Notes:

- Revenue for Period 92 not available.

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)



National Energy Board
Office nationale de l'énergie

TABLE 2B
Import Summary Report
by Destination, Authorization and Exchange Type

Page 6
06/03/08

Destination	Authorization	Exchange Type	Energy (MWh)		Revenue (CANS)		CANS/MWh	
			MAR98	JAN98 - JAN98	MAR98	JAN98 - JAN98	MAR98	JAN98 - JAN98
New Brunswick								
Marine & NB	-	P	703	782	27 758	31 513	39.49	45.41
NB Power		N	16 552	-10 431	0	0	0.00	0.00
		S	2 163	10 502	0	0	0.00	0.00
Subtotal Purchased Imports: New Brunswick			783	782	27 758	31 513	39.49	46.41
Quebec								
Cdn. Niagara		N	708	157	0	0	0.00	0.00
Consolid. Elec.		P	831	198	147 660	61 205	177.62	115.90
		S	45 241	2 922	0	0	0.00	0.00
EdM Subway		P	130	142	0	0	0.00	0.00
Ontario Hydro		N	359 351	262 645	0	0	0.00	0.00
		P	347 357	666 868	1 587 058	3 502 668	4.57	22.06
		S	11 954	38 616	11 872	29 739	0.99	0.67
Subtotal Purchased Imports: Quebec			348 338	667 228	1 730 830	3 563 668	4.98	22.28

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (includes capacity charges).

Additional Notes:

- Revenue for Periods 97 and 98 available.

P - Firm Sales

I - Interruptible Sales

P - Purchase (import)

N - Non-Revenue (Non-Revenue at headworks)

S - Service (Selling Revenue, Storage, Unit Rental, Transmission, etc.)



National Energy Board
Conseil national de l'énergie

TABLE 2B
Import Summary Report
by Destination, Authorization and Exchange Type

Page 7
05-01-00

Destination	Authorization	Exchange Type	Energy (MWh, kJ)		Revenue (Cdn\$)		Cdn\$/MWh ²
			MWh	kJ	MWh	kJ	
Quebec							
Hydro-Quebec	-	N	13 431	93.4	0	0	0.00
		P	107 548	79 430	0 401 429	0 547 430	29.44
		S	5 300	0	0	0	0.00
Subtotal Purchased Imports: Quebec							
			109 540	79 430	0 401 429	0 547 430	29.44
Southwestern							
Sask. Power	-	N	0	1 544	0	0	0.00
		P	27 880	70 917	0 000 000	777 291	23.79
		S	14 800	14 000	0	0	0.00
Subtotal Purchased Imports: Southwestern							
			27 880	70 917	0 000 000	777 291	23.79
Total Purchased Imports:							
			137 420	1 414	10 401 429	1 324 721	31.09

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charges).

Additional Notes:

Revenue for Month 10 not available.

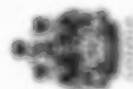
N - Firm Sales

P - Interruptible Sales

S - Purchases (Import)

N - Firm Revenue (Firm Revenue or Subsidies)

S - Services (Selling Reserves, Storage, Unit Rental, Transmission etc.)



National Energy Board
Office National de l'Énergie

TABLE 3A
Export Sales Summary Report
by Destination and Source

Page
1 of 1

Description	Source	Energy (1000 b)		Revenues of 1985 ¹		1986-1987 ²	
		Volume	Value	Volume	Value	Volume	Value
Alaska							
Subtotal of exports: Alaska	United States	0	0	2 145	\$ 455	22 71	\$ 47 10
		0	0	2 145	\$ 455	22 71	\$ 47 10
British Columbia							
Subtotal of exports: British Columbia	United States	2 000	\$ 455	27 331	\$ 7 134	28 42	\$ 7 45
		2 000	\$ 455	27 331	\$ 7 134	28 42	\$ 7 45
California							
Subtotal of exports: California	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Florida							
Subtotal of exports: Florida	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Georgia							
Subtotal of exports: Georgia	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Illinois							
Subtotal of exports: Illinois	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Indiana							
Subtotal of exports: Indiana	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Iowa							
Subtotal of exports: Iowa	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Kansas							
Subtotal of exports: Kansas	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Michigan							
Subtotal of exports: Michigan	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Minnesota							
Subtotal of exports: Minnesota	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Mississippi							
Subtotal of exports: Mississippi	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Montana							
Subtotal of exports: Montana	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Nebraska							
Subtotal of exports: Nebraska	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Nevada							
Subtotal of exports: Nevada	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
New Hampshire							
Subtotal of exports: New Hampshire	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
New Jersey							
Subtotal of exports: New Jersey	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
New Mexico							
Subtotal of exports: New Mexico	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
New York							
Subtotal of exports: New York	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
North Carolina							
Subtotal of exports: North Carolina	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
North Dakota							
Subtotal of exports: North Dakota	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Ohio							
Subtotal of exports: Ohio	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Oklahoma							
Subtotal of exports: Oklahoma	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Oregon							
Subtotal of exports: Oregon	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Pennsylvania							
Subtotal of exports: Pennsylvania	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Rhode Island							
Subtotal of exports: Rhode Island	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
South Carolina							
Subtotal of exports: South Carolina	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
South Dakota							
Subtotal of exports: South Dakota	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Tennessee							
Subtotal of exports: Tennessee	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Texas							
Subtotal of exports: Texas	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Utah							
Subtotal of exports: Utah	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Vermont							
Subtotal of exports: Vermont	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Virginia							
Subtotal of exports: Virginia	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Washington							
Subtotal of exports: Washington	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
West Virginia							
Subtotal of exports: West Virginia	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Wisconsin							
Subtotal of exports: Wisconsin	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
Wyoming							
Subtotal of exports: Wyoming	United States	10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45
		10 100	\$ 7 134	27 331	\$ 7 134	28 42	\$ 7 45

Additional Notes:
Revenues for 1986/87 not available.

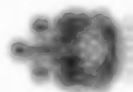
Footnotes:
1. Includes capacity, and average, minimum, and maximum values for the month and the last 12 months (excluding capacity, design).



TABLE JA
Export Sales Summary Report
by Destination and Sector

[illegible]

1. *Chlorophyll a* and *Chlorophyll b* contents were determined by spectrophotometry using the method of Lichtenthaler and Whaley (1987).



1. The first step is to identify the problem.

[illegible]



Government of Karnataka
(Karnataka Sahasra Shiksha Mission)

20.03.2020

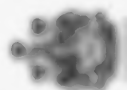
Director, Government of Karnataka
(Karnataka Sahasra Shiksha Mission)

Page No.
100000

Sl. No.	Name of the Candidate	Roll No.	Date of Birth		Date of Admission		Date of Completion	
			DD	MM	DD	MM	DD	MM
1	ABHIRAM K. S.	100000	10	03	2020	03	2020	03
2	ADARSH K. S.	100001	10	03	2020	03	2020	03
3	ADARSH K. S.	100002	10	03	2020	03	2020	03
4	ADARSH K. S.	100003	10	03	2020	03	2020	03
5	ADARSH K. S.	100004	10	03	2020	03	2020	03
6	ADARSH K. S.	100005	10	03	2020	03	2020	03
7	ADARSH K. S.	100006	10	03	2020	03	2020	03
8	ADARSH K. S.	100007	10	03	2020	03	2020	03
9	ADARSH K. S.	100008	10	03	2020	03	2020	03
10	ADARSH K. S.	100009	10	03	2020	03	2020	03
11	ADARSH K. S.	100010	10	03	2020	03	2020	03
12	ADARSH K. S.	100011	10	03	2020	03	2020	03
13	ADARSH K. S.	100012	10	03	2020	03	2020	03
14	ADARSH K. S.	100013	10	03	2020	03	2020	03
15	ADARSH K. S.	100014	10	03	2020	03	2020	03
16	ADARSH K. S.	100015	10	03	2020	03	2020	03
17	ADARSH K. S.	100016	10	03	2020	03	2020	03
18	ADARSH K. S.	100017	10	03	2020	03	2020	03
19	ADARSH K. S.	100018	10	03	2020	03	2020	03
20	ADARSH K. S.	100019	10	03	2020	03	2020	03
21	ADARSH K. S.	100020	10	03	2020	03	2020	03
22	ADARSH K. S.	100021	10	03	2020	03	2020	03
23	ADARSH K. S.	100022	10	03	2020	03	2020	03
24	ADARSH K. S.	100023	10	03	2020	03	2020	03
25	ADARSH K. S.	100024	10	03	2020	03	2020	03
26	ADARSH K. S.	100025	10	03	2020	03	2020	03
27	ADARSH K. S.	100026	10	03	2020	03	2020	03
28	ADARSH K. S.	100027	10	03	2020	03	2020	03
29	ADARSH K. S.	100028	10	03	2020	03	2020	03
30	ADARSH K. S.	100029	10	03	2020	03	2020	03
31	ADARSH K. S.	100030	10	03	2020	03	2020	03
32	ADARSH K. S.	100031	10	03	2020	03	2020	03
33	ADARSH K. S.	100032	10	03	2020	03	2020	03
34	ADARSH K. S.	100033	10	03	2020	03	2020	03
35	ADARSH K. S.	100034	10	03	2020	03	2020	03
36	ADARSH K. S.	100035	10	03	2020	03	2020	03
37	ADARSH K. S.	100036	10	03	2020	03	2020	03
38	ADARSH K. S.	100037	10	03	2020	03	2020	03
39	ADARSH K. S.	100038	10	03	2020	03	2020	03
40	ADARSH K. S.	100039	10	03	2020	03	2020	03
41	ADARSH K. S.	100040	10	03	2020	03	2020	03
42	ADARSH K. S.	100041	10	03	2020	03	2020	03
43	ADARSH K. S.	100042	10	03	2020	03	2020	03
44	ADARSH K. S.	100043	10	03	2020	03	2020	03
45	ADARSH K. S.	100044	10	03	2020	03	2020	03
46	ADARSH K. S.	100045	10	03	2020	03	2020	03
47	ADARSH K. S.	100046	10	03	2020	03	2020	03
48	ADARSH K. S.	100047	10	03	2020	03	2020	03
49	ADARSH K. S.	100048	10	03	2020	03	2020	03
50	ADARSH K. S.	100049	10	03	2020	03	2020	03
51	ADARSH K. S.	100050	10	03	2020	03	2020	03
52	ADARSH K. S.	100051	10	03	2020	03	2020	03
53	ADARSH K. S.	100052	10	03	2020	03	2020	03
54	ADARSH K. S.	100053	10	03	2020	03	2020	03
55	ADARSH K. S.	100054	10	03	2020	03	2020	03
56	ADARSH K. S.	100055	10	03	2020	03	2020	03
57	ADARSH K. S.	100056	10	03	2020	03	2020	03
58	ADARSH K. S.	100057	10	03	2020	03	2020	03
59	ADARSH K. S.	100058	10	03	2020	03	2020	03
60	ADARSH K. S.	100059	10	03	2020	03	2020	03
61	ADARSH K. S.	100060	10	03	2020	03	2020	03
62	ADARSH K. S.	100061	10	03	2020	03	2020	03
63	ADARSH K. S.	100062	10	03	2020	03	2020	03
64	ADARSH K. S.	100063	10	03	2020	03	2020	03
65	ADARSH K. S.	100064	10	03	2020	03	2020	03
66	ADARSH K. S.	100065	10	03	2020	03	2020	03
67	ADARSH K. S.	100066	10	03	2020	03	2020	03
68	ADARSH K. S.	100067	10	03	2020	03	2020	03
69	ADARSH K. S.	100068	10	03	2020	03	2020	03
70	ADARSH K. S.	100069	10	03	2020	03	2020	03
71	ADARSH K. S.	100070	10	03	2020	03	2020	03
72	ADARSH K. S.	100071	10	03	2020	03	2020	03
73	ADARSH K. S.	100072	10	03	2020	03	2020	03
74	ADARSH K. S.	100073	10	03	2020	03	2020	03
75	ADARSH K. S.	100074	10	03	2020	03	2020	03
76	ADARSH K. S.	100075	10	03	2020	03	2020	03
77	ADARSH K. S.	100076	10	03	2020	03	2020	03
78	ADARSH K. S.	100077	10	03	2020	03	2020	03
79	ADARSH K. S.	100078	10	03	2020	03	2020	03
80	ADARSH K. S.	100079	10	03	2020	03	2020	03
81	ADARSH K. S.	100080	10	03	2020	03	2020	03
82	ADARSH K. S.	100081	10	03	2020	03	2020	03
83	ADARSH K. S.	100082	10	03	2020	03	2020	03
84	ADARSH K. S.	100083	10	03	2020	03	2020	03
85	ADARSH K. S.	100084	10	03	2020	03	2020	03
86	ADARSH K. S.	100085	10	03	2020	03	2020	03
87	ADARSH K. S.	100086	10	03	2020	03	2020	03
88	ADARSH K. S.	100087	10	03	2020	03	2020	03
89	ADARSH K. S.	100088	10	03	2020	03	2020	03
90	ADARSH K. S.	100089	10	03	2020	03	2020	03
91	ADARSH K. S.	100090	10	03	2020	03	2020	03
92	ADARSH K. S.	100091	10	03	2020	03	2020	03
93	ADARSH K. S.	100092	10	03	2020	03	2020	03
94	ADARSH K. S.	100093	10	03	2020	03	2020	03
95	ADARSH K. S.	100094	10	03	2020	03	2020	03
96	ADARSH K. S.	100095	10	03	2020	03	2020	03
97	ADARSH K. S.	100096	10	03	2020	03	2020	03
98	ADARSH K. S.	100097	10	03	2020	03	2020	03
99	ADARSH K. S.	100098	10	03	2020	03	2020	03
100	ADARSH K. S.	100099	10	03	2020	03	2020	03

Signature of the Candidate
Date of Signature

Signature of the Officer
Date of Signature



National Energy Board
under Ministry of Power

TABLE 3B

Import Purchases Summary Report
by Source and Destination

Page 1
Imports

Source	Destination	Average price in		Quantity of 1964 ¹		Quantity of 1965 ²	
		metric tons	price metric tons	metric tons	price metric tons	metric tons	price metric tons
Bengal	Others	0	0	0	0	0	0
	Rest of country	100	100	1,120	1,120	1,120	1,120
National Imports (Bengal)		100	100	1,120	1,120	1,120	1,120
Bombay	Others	4,100	4,100	3,000	3,000	3,000	3,000
	Rest of country	4,100	4,100	3,000	3,000	3,000	3,000
National Imports (Bombay)		8,200	8,200	6,000	6,000	6,000	6,000
South India	Others	1,000	1,000	1,000	1,000	1,000	1,000
	Rest of country	1,000	1,000	1,000	1,000	1,000	1,000
National Imports (South India)		2,000	2,000	2,000	2,000	2,000	2,000
Tamil	Others	0	0	0	0	0	0
	Rest of country	0	0	0	0	0	0
National Imports (Tamil)		0	0	0	0	0	0
Tamil Nadu	Others	0	0	0	0	0	0
	Rest of country	0	0	0	0	0	0
National Imports (Tamil Nadu)		0	0	0	0	0	0
Madras	Others	1,000	1,000	1,000	1,000	1,000	1,000
	Rest of country	1,000	1,000	1,000	1,000	1,000	1,000
National Imports (Madras)		2,000	2,000	2,000	2,000	2,000	2,000
Madras	Others	1,000	1,000	1,000	1,000	1,000	1,000
	Rest of country	1,000	1,000	1,000	1,000	1,000	1,000
National Imports (Madras)		2,000	2,000	2,000	2,000	2,000	2,000
Total Imports		10,000	10,000	10,000	10,000	10,000	10,000

1. Includes capacity and average change
2. Average value for the month and the
last 12 months (includes capacity change)

Additional Notes:
Imports for 1964-65 not available

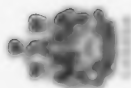


TABLE 4
Source of Production Report¹
Canadian Exports

Fuel Type	MILLION		B
	Energy (1000 Btu)	Revenue of 1976	\$ 1000000.0
Canadian oil	36	4 120	277.30
Hydroelectric	1 000 121	60 134 864	30.08
Imported Coal	100 121	1 907 120	35.76
Imported Oil	254 710	9 836 767	51.81
Nuclear	12 422	467 661	26.76
Other	622 674	12 811 471	24.11
Total	1 015 658	84 537 009	29.64

Footnotes:

1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly affected by energy taxes.

Additional Notes:

1. Revenue for 1976 not available.



TABLE 5
Source of Production Report¹
by Exporter

Exporters	Fuel Type	Authorization	MARB	
			Energy (MPS, B)	Revenue (CANS, \$) ²
BC Hydro-Powers	Hydraulic	Permit 43	63 426	1 744 910
		Subtotal	63 426	1 744 910
	Other	Permit 43	243 012	6 674 970
		Permit 44	15 549	396 020
		Subtotal	258 561	7 069 990
	Subtotal		322 007	8 814 900
Continex	Hydraulic	Permit 57	32 879	836 316
		Subtotal	32 879	836 316
	Subtotal		32 879	836 316
	Hydraulic	License 176	511 526	17 039 635
Hydro-Quebec		License 180	95 591	3 505 131
		License 181	29 272	1 073 346
		License 182	14 000	513 352
		License 183	20 550	753 528
		License 184	10 970	402 248
		Permit 64	110 714	3 793 112
		Permit 65	276 151	11 261 657
		Subtotal	1 068 774	38 342 009
	Subtotal		1 068 774	38 342 009

Footnotes:

1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocable by energy source.

Additional Notes:

- Revenue for Permit 92 not available.



TABLE 5
Source of Production Report¹
by Exporter

MAR96			
Exporter	Fuel Type	Authorization	Energy (MW.h) Revenue (CANS) CANS/MW.h
Manitoba Hydro	Hydraulic	License 170	211 118 4 091 474 23.64
		Permit 45	135 941 3 014 942 22.18
		Permit 46	478 686 11 014 930 23.01
		Permit 68	7 280 168 349 23.13
	Other	Subtotal	833 825 19 189 695 23.04
		License 170	82 595 1 952 798 23.64
NB Power	Subtotal	Subtotal	82 595 1 952 798 23.64
			915 628 21 142 494 23.09
	Canadian Oil	Permit 16	16 4 520 277.30
		Subtotal	16 4 520 277.30
	Imported Coal	Permit 16	396 15 267 38.53
		Permit 18	633 30 622 48.35
		Permit 47	3 218 165 458 51.41
		Permit 91	77 476 2 547 872 32.89
Imported Oil	Subtotal	Subtotal	81 724 2 759 220 33.76
	Imported Oil	Permit 16	1 096 67 828 61.88
		Permit 18	2 298 110 414 48.05
		Permit 47	3 298 169 524 51.41
		Permit 91	217 805 7 080 313 32.51
Subtotal		Subtotal	224 497 7 428 060 33.09

1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes

- Revenue for Permit 92 not available.



TABLE 5
Source of Production Report
by Exporter

		MAR98			
Exporter	Fuel Type	Authorization	Energy (MW.h)	Revenue (CANS)	CANS/MW.h
NR Power	Nuclear	Permit 16	35	1 360	38.53
		Permit 18	74	3 486	46.99
		Permit 47	746	38 342	51.41
		Permit 91	11 567	400 454	34.62
		Subtotal	12 422	443 641	35.71
Other	Other	Permit 16	2 243	94 560	42.16
		Permit 18	1 744	88 508	50.76
		Permit 47	66	3 408	51.41
		Permit 91	85 554	3 180 994	37.18
		Subtotal	89 606	3 367 471	37.58
	Subtotal		408 266	14 002 931	34.30
Ont. Hydro/CHIM	Hydraulic	Permit 21	1 417	21 953	15.49
		Subtotal	1 417	21 953	15.49
	Imported Coal	Permit 21	24 597	1 037 909	42.20
		Subtotal	24 597	1 037 909	42.20
	Imported Oil	Permit 21	10 238	508 286	49.65
		Subtotal	10 238	508 286	49.65
Other	Other	Permit 21	4 129	112 233	27.18
		Subtotal	4 129	112 233	27.18
	Subtotal		40 381	1 680 381	41.61

Footnotes:

1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:

- Revenue for Permit 92 not available.



National Energy Board
Office national de l'énergie

TABLE 5
Source of Production Report ¹
by Exporter

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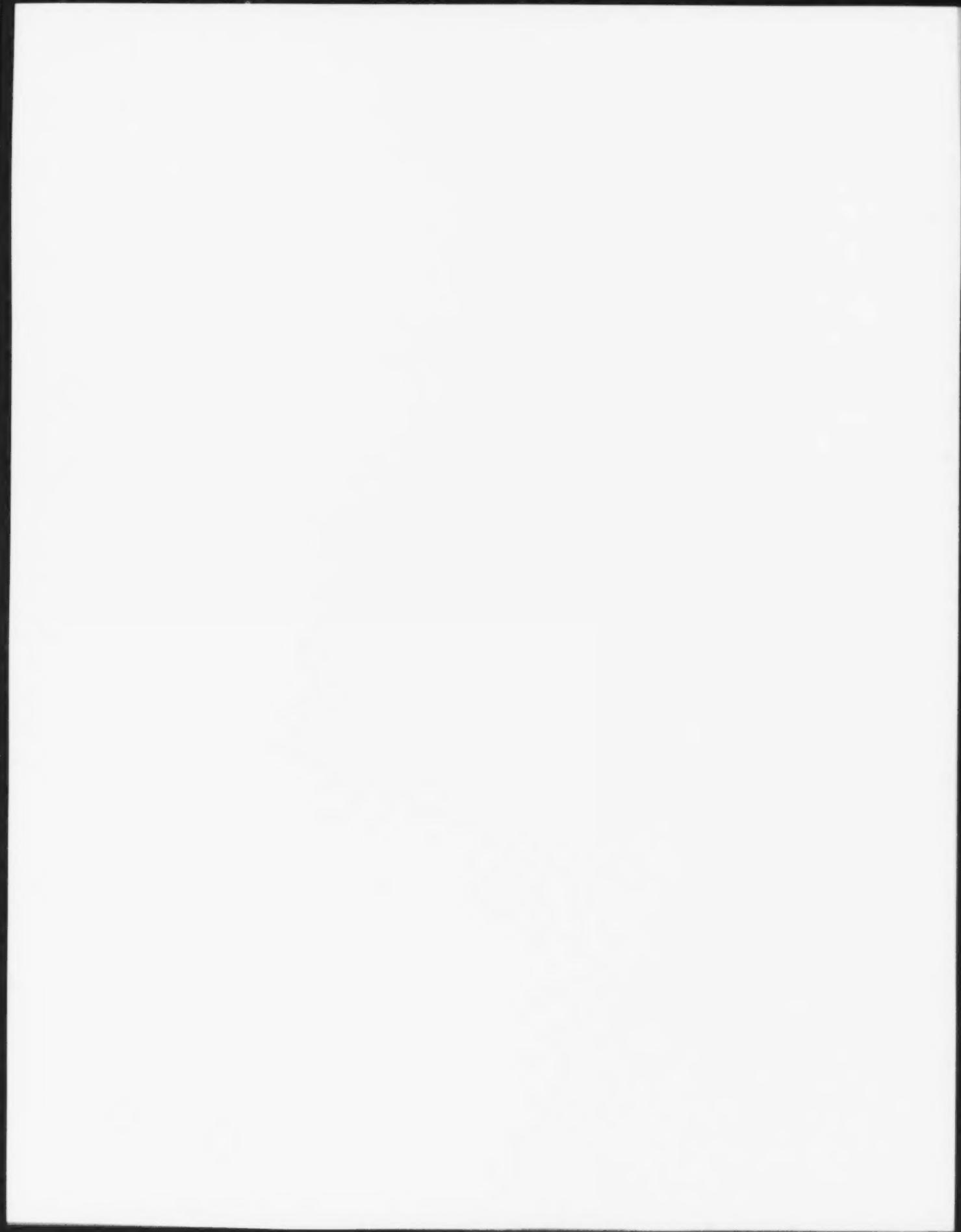
Exporter	Fuel Type	Authorization	MAR98		
			Energy (MW.h)	Revenue (CAN\$) ²	CAN\$/MW.h ²
Powerex	Other	Permit 92	85 560	0	0.00
		Permit 95	2 220	117 958	53.13
		Subtotal	87 780	117 958	1.34
	Subtotal		87 780	117 958	1.34
Total All Exporters			2 875 487	84 927 990	29.54

Footnotes:

1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:

- Revenue for Permit 92 not available.

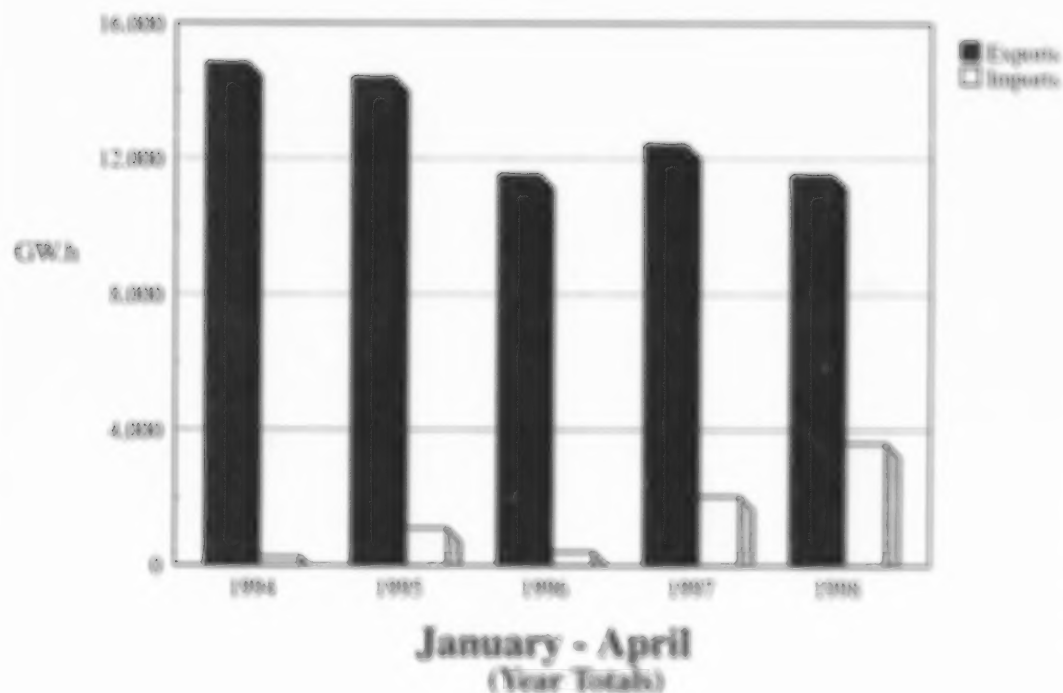


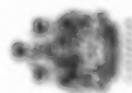


Electricity Exports and Imports

Monthly Statistics for: April 1998

Exports: **3369** GWh
Imports: **701** GWh





National Savings Board
Office: National Savings

TABLE I
Exports and Imports of Electricity
Summary: Canada
APRIL 1948

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Exchange type	Exports (000 kw)		Imports (000 kw)		Revenue of 1948 ¹		Revenue of 1947 ²	
	actual	previous	actual	previous	actual	previous	actual	previous
Exports of Electricity Savings								
From								
Interprovincial	1,476,448	2,130,346	66,167,046	249,127,749	34,000	34,000	34,700	34,700
Non-Interprovincial	1,754,797	2,872,362	56,247,455	144,000,742	31,300	31,300	31,400	31,400
Savings	3,231,245	5,002,708	122,414,501	393,128,491	65,300	65,300	66,100	66,100
Total Exports	3,231,245	5,002,708	122,414,501	393,128,491	65,300	65,300	66,100	66,100
From Interprovincial	1,476,448	2,130,346	66,167,046	249,127,749	34,000	34,000	34,700	34,700
Imports of Electricity Savings								
From								
Interprovincial	1,476,448	2,130,346	66,167,046	249,127,749	34,000	34,000	34,700	34,700
Non-Interprovincial	1,754,797	2,872,362	56,247,455	144,000,742	31,300	31,300	31,400	31,400
Savings	3,231,245	5,002,708	122,414,501	393,128,491	65,300	65,300	66,100	66,100
Total Imports	3,231,245	5,002,708	122,414,501	393,128,491	65,300	65,300	66,100	66,100
Balance of Exports and Imports								
Exports	3,231,245	5,002,708	122,414,501	393,128,491	65,300	65,300	66,100	66,100
Imports	3,231,245	5,002,708	122,414,501	393,128,491	65,300	65,300	66,100	66,100
Number of Exports Savings								
From Interprovincial	1,476,448	2,130,346	66,167,046	249,127,749	34,000	34,000	34,700	34,700
From Non-Interprovincial	1,754,797	2,872,362	56,247,455	144,000,742	31,300	31,300	31,400	31,400
From Savings	3,231,245	5,002,708	122,414,501	393,128,491	65,300	65,300	66,100	66,100
Number of Imports Savings								
From Interprovincial	1,476,448	2,130,346	66,167,046	249,127,749	34,000	34,000	34,700	34,700
From Non-Interprovincial	1,754,797	2,872,362	56,247,455	144,000,742	31,300	31,300	31,400	31,400
From Savings	3,231,245	5,002,708	122,414,501	393,128,491	65,300	65,300	66,100	66,100

For further information, contact:
Power Section,
Research Officer,
Savings Commission Branch,
National Savings Board
(1948) 200 - 20/74

Additional Notes:
Revenue for 1948 is available.

Footnotes:
1. Actual capacity and savings changes.
2. Savings ratio for the month and the
for 12 months ending capacity change.

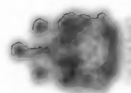


TABLE 2A **Export Summary Report** **By Source, Authentication and Exchange Type**

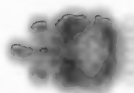
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Source	Authentication	Exchange Type	During 1955-56		During 1956-57		Total 1955-57
			Exports	Imports	Exports	Imports	
Africa							
Algeria	Source: 40	1	000	000	10000	0000	10000
Angola	Source: 10	1	0	100	0	000	1000
Argentine	Source: 30	0	1000	00000	00000	00000	00000
Asia and Australasia							
India	Source: 10	1	0000	0000	0000	0000	0000
Europe							
Belgium	Source: 40	1	000	000	0000	0000	0000
France	Source: 10	1	00000	00000	00000	00000	00000
Germany	Source: 30	0	0000	00000	00000	00000	00000
Italy	Source: 10	1	0000	0000	0000	0000	0000
Spain	Source: 40	1	0000	0000	0000	0000	0000
Sweden	Source: 10	1	0000	0000	0000	0000	0000
Switzerland	Source: 30	0	0000	0000	0000	0000	0000
Latin America and the Caribbean							
Brazil	Source: 10	1	0000	0000	0000	0000	0000
Chile	Source: 30	0	0000	0000	0000	0000	0000
Colombia	Source: 10	1	0000	0000	0000	0000	0000
Cuba	Source: 30	0	0000	0000	0000	0000	0000
Ecuador	Source: 10	1	0000	0000	0000	0000	0000
El Salvador	Source: 30	0	0000	0000	0000	0000	0000
Guatemala	Source: 10	1	0000	0000	0000	0000	0000
Honduras	Source: 30	0	0000	0000	0000	0000	0000
Mexico	Source: 10	1	0000	0000	0000	0000	0000
Nicaragua	Source: 30	0	0000	0000	0000	0000	0000
Panama	Source: 10	1	0000	0000	0000	0000	0000
Paraguay	Source: 30	0	0000	0000	0000	0000	0000
Peru	Source: 10	1	0000	0000	0000	0000	0000
Puerto Rico	Source: 30	0	0000	0000	0000	0000	0000
Venezuela	Source: 10	1	0000	0000	0000	0000	0000

Source: 10 - Direct exports
Source: 30 - Indirect exports
Source: 40 - Re-exports

Exchange Type: 1 - Gold
Exchange Type: 2 - Sterling
Exchange Type: 3 - Dollar
Exchange Type: 4 - Other

Authentication: 10 - Source
Authentication: 30 - Destination
Authentication: 40 - Transit



Variable	Outcome variable		Outcome variable		Outcome variable		Outcome variable	
	Mean	SD	Mean	SD	Mean	SD	Mean	SD
Demographic	Gender = 0	0	0	0	0	0	0	0
	Gender = 1	0	0	0	0	0	0	0
	Age = 0	0	0	0	0	0	0	0
	Age = 1	0	0	0	0	0	0	0
Socioeconomic	Income = 0	0	0	0	0	0	0	0
	Income = 1	0	0	0	0	0	0	0
	Education = 0	0	0	0	0	0	0	0
	Education = 1	0	0	0	0	0	0	0
Health-related	Health = 0	0	0	0	0	0	0	0
	Health = 1	0	0	0	0	0	0	0
	Marital = 0	0	0	0	0	0	0	0
	Marital = 1	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 0	0	0	0	0	0	0	0
	Healthcare = 1	0	0	0	0	0	0	0
	Healthcare = 2	0	0	0	0	0	0	0
	Healthcare = 3	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 4	0	0	0	0	0	0	0
	Healthcare = 5	0	0	0	0	0	0	0
	Healthcare = 6	0	0	0	0	0	0	0
	Healthcare = 7	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 8	0	0	0	0	0	0	0
	Healthcare = 9	0	0	0	0	0	0	0
	Healthcare = 10	0	0	0	0	0	0	0
	Healthcare = 11	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 12	0	0	0	0	0	0	0
	Healthcare = 13	0	0	0	0	0	0	0
	Healthcare = 14	0	0	0	0	0	0	0
	Healthcare = 15	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 16	0	0	0	0	0	0	0
	Healthcare = 17	0	0	0	0	0	0	0
	Healthcare = 18	0	0	0	0	0	0	0
	Healthcare = 19	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 20	0	0	0	0	0	0	0
	Healthcare = 21	0	0	0	0	0	0	0
	Healthcare = 22	0	0	0	0	0	0	0
	Healthcare = 23	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 24	0	0	0	0	0	0	0
	Healthcare = 25	0	0	0	0	0	0	0
	Healthcare = 26	0	0	0	0	0	0	0
	Healthcare = 27	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 28	0	0	0	0	0	0	0
	Healthcare = 29	0	0	0	0	0	0	0
	Healthcare = 30	0	0	0	0	0	0	0
	Healthcare = 31	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 32	0	0	0	0	0	0	0
	Healthcare = 33	0	0	0	0	0	0	0
	Healthcare = 34	0	0	0	0	0	0	0
	Healthcare = 35	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 36	0	0	0	0	0	0	0
	Healthcare = 37	0	0	0	0	0	0	0
	Healthcare = 38	0	0	0	0	0	0	0
	Healthcare = 39	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 40	0	0	0	0	0	0	0
	Healthcare = 41	0	0	0	0	0	0	0
	Healthcare = 42	0	0	0	0	0	0	0
	Healthcare = 43	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 44	0	0	0	0	0	0	0
	Healthcare = 45	0	0	0	0	0	0	0
	Healthcare = 46	0	0	0	0	0	0	0
	Healthcare = 47	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 48	0	0	0	0	0	0	0
	Healthcare = 49	0	0	0	0	0	0	0
	Healthcare = 50	0	0	0	0	0	0	0
	Healthcare = 51	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 52	0	0	0	0	0	0	0
	Healthcare = 53	0	0	0	0	0	0	0
	Healthcare = 54	0	0	0	0	0	0	0
	Healthcare = 55	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 56	0	0	0	0	0	0	0
	Healthcare = 57	0	0	0	0	0	0	0
	Healthcare = 58	0	0	0	0	0	0	0
	Healthcare = 59	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 60	0	0	0	0	0	0	0
	Healthcare = 61	0	0	0	0	0	0	0
	Healthcare = 62	0	0	0	0	0	0	0
	Healthcare = 63	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 64	0	0	0	0	0	0	0
	Healthcare = 65	0	0	0	0	0	0	0
	Healthcare = 66	0	0	0	0	0	0	0
	Healthcare = 67	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 68	0	0	0	0	0	0	0
	Healthcare = 69	0	0	0	0	0	0	0
	Healthcare = 70	0	0	0	0	0	0	0
	Healthcare = 71	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 72	0	0	0	0	0	0	0
	Healthcare = 73	0	0	0	0	0	0	0
	Healthcare = 74	0	0	0	0	0	0	0
	Healthcare = 75	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 76	0	0	0	0	0	0	0
	Healthcare = 77	0	0	0	0	0	0	0
	Healthcare = 78	0	0	0	0	0	0	0
	Healthcare = 79	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 80	0	0	0	0	0	0	0
	Healthcare = 81	0	0	0	0	0	0	0
	Healthcare = 82	0	0	0	0	0	0	0
	Healthcare = 83	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 84	0	0	0	0	0	0	0
	Healthcare = 85	0	0	0	0	0	0	0
	Healthcare = 86	0	0	0	0	0	0	0
	Healthcare = 87	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 88	0	0	0	0	0	0	0
	Healthcare = 89	0	0	0	0	0	0	0
	Healthcare = 90	0	0	0	0	0	0	0
	Healthcare = 91	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 92	0	0	0	0	0	0	0
	Healthcare = 93	0	0	0	0	0	0	0
	Healthcare = 94	0	0	0	0	0	0	0
	Healthcare = 95	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 96	0	0	0	0	0	0	0
	Healthcare = 97	0	0	0	0	0	0	0
	Healthcare = 98	0	0	0	0	0	0	0
	Healthcare = 99	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 100	0	0	0	0	0	0	0
	Healthcare = 101	0	0	0	0	0	0	0
	Healthcare = 102	0	0	0	0	0	0	0
	Healthcare = 103	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 104	0	0	0	0	0	0	0
	Healthcare = 105	0	0	0	0	0	0	0
	Healthcare = 106	0	0	0	0	0	0	0
	Healthcare = 107	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 108	0	0	0	0	0	0	0
	Healthcare = 109	0	0	0	0	0	0	0
	Healthcare = 110	0	0	0	0	0	0	0
	Healthcare = 111	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 112	0	0	0	0	0	0	0
	Healthcare = 113	0	0	0	0	0	0	0
	Healthcare = 114	0	0	0	0	0	0	0
	Healthcare = 115	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 116	0	0	0	0	0	0	0
	Healthcare = 117	0	0	0	0	0	0	0
	Healthcare = 118	0	0	0	0	0	0	0
	Healthcare = 119	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 120	0	0	0	0	0	0	0
	Healthcare = 121	0	0	0	0	0	0	0
	Healthcare = 122	0	0	0	0	0	0	0
	Healthcare = 123	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 124	0	0	0	0	0	0	0
	Healthcare = 125	0	0	0	0	0	0	0
	Healthcare = 126	0	0	0	0	0	0	0
	Healthcare = 127	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 128	0	0	0	0	0	0	0
	Healthcare = 129	0	0	0	0	0	0	0
	Healthcare = 130	0	0	0	0	0	0	0
	Healthcare = 131	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 132	0	0	0	0	0	0	0
	Healthcare = 133	0	0	0	0	0	0	0
	Healthcare = 134	0	0	0	0	0	0	0
	Healthcare = 135	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 136	0	0	0	0	0	0	0
	Healthcare = 137	0	0	0	0	0	0	0
	Healthcare = 138	0	0	0	0	0	0	0
	Healthcare = 139	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 140	0	0	0	0	0	0	0
	Healthcare = 141	0	0	0	0	0	0	0
	Healthcare = 142	0	0	0	0	0	0	0
	Healthcare = 143	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 144	0	0	0	0	0	0	0
	Healthcare = 145	0	0	0	0	0	0	0
	Healthcare = 146	0	0	0	0	0	0	0
	Healthcare = 147	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 148	0	0	0	0	0	0	0
	Healthcare = 149	0	0	0	0	0	0	0
	Healthcare = 150	0	0	0	0	0	0	0
	Healthcare = 151	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 152	0	0	0	0	0	0	0
	Healthcare = 153	0	0	0	0	0	0	0
	Healthcare = 154	0	0	0	0	0	0	0
	Healthcare = 155	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 156	0	0	0	0	0	0	0
	Healthcare = 157	0	0	0	0	0	0	0
	Healthcare = 158	0	0	0	0	0	0	0
	Healthcare = 159	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 160	0	0	0	0	0	0	0
	Healthcare = 161	0	0	0	0	0	0	0
	Healthcare = 162	0	0	0	0	0	0	0
	Healthcare = 163	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 164	0	0	0	0	0	0	0
	Healthcare = 165	0	0	0	0	0	0	0
	Healthcare = 166	0	0	0	0	0	0	0
	Healthcare = 167	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 168	0	0	0	0	0	0	0
	Healthcare = 169	0	0	0	0	0	0	0
	Healthcare = 170	0	0	0	0	0	0	0
	Healthcare = 171	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 172	0	0	0	0	0	0	0
	Healthcare = 173	0	0	0	0	0	0	0
	Healthcare = 174	0	0	0	0	0	0	0
	Healthcare = 175	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 176	0	0	0	0	0	0	0
	Healthcare = 177	0	0	0	0	0	0	0
	Healthcare = 178	0	0	0	0	0	0	0
	Healthcare = 179	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 180	0	0	0	0	0	0	0
	Healthcare = 181	0	0	0	0	0	0	0
	Healthcare = 182	0	0	0	0	0	0	0
	Healthcare = 183	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 184	0	0	0	0	0	0	0
	Healthcare = 185	0	0	0	0	0	0	0
	Healthcare = 186	0	0	0	0	0	0	0
	Healthcare = 187	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 188	0	0	0	0	0	0	0
	Healthcare = 189	0	0	0	0	0	0	0
	Healthcare = 190	0	0	0	0	0	0	0
	Healthcare = 191	0	0	0	0	0	0	0
Healthcare-related	Healthcare = 192	0						



National Energy Board
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TABLE 2B
Import Summary Report
by Destination, Authorisation and Exchange Type

Page
number

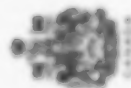
Destination	Authorisation	Exchange Type	Energy (GWh) in		Revenue of sales ¹		Expenditure ²	
			gross	net	gross	net	gross	net
Alaska								
Electricity	-	P	0	0	0	0	47 176	0
Gas		P	245	942	0	0	46 407	0
Steam		P	0	0	0	0	0	0
Subtotal			245	942	0	0	93 583	0
British Columbia								
Electricity		P	0	0	0	0	0	0
Gas		P	204 276	1 007 890	0	0	0	0
Steam		P	0	0	0	0	0	0
Subtotal			204 276	1 007 890	0	0	0	0
Manitoba								
Electricity		P	0	0	0	0	0	0
Gas		P	0	0	0	0	0	0
Steam		P	0	0	0	0	0	0
Subtotal			0	0	0	0	0	0
Ontario								
Electricity		P	0	0	0	0	0	0
Gas		P	0	0	0	0	0	0
Steam		P	0	0	0	0	0	0
Subtotal			0	0	0	0	0	0
Quebec								
Electricity		P	0	0	0	0	0	0
Gas		P	0	0	0	0	0	0
Steam		P	0	0	0	0	0	0
Subtotal			0	0	0	0	0	0
Saskatchewan								
Electricity		P	0	0	0	0	0	0
Gas		P	0	0	0	0	0	0
Steam		P	0	0	0	0	0	0
Subtotal			0	0	0	0	0	0
Yukon								
Electricity		P	0	0	0	0	0	0
Gas		P	0	0	0	0	0	0
Steam		P	0	0	0	0	0	0
Subtotal			0	0	0	0	0	0

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months includes capacity charges.

Additional Notes:

- Revenue for Power VI not available.

P - Power Sales
E - Electricity Sales
G - Gas Sales
S - Steam Sales
N - Non-Residential (Non-Residential or Industrial)
V - Various (Various Sources, Storage, Fuel, etc.)



National Energy Board
Office national de l'énergie

TABLE 2B
Import Summary Report
by Destination, Authorization and Exchange Type

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Destination	Authorization	Exchange Type	Energy (MWh)		Revenue of ANS ¹		CAN\$M\$00.0 ²	
			APR00	JAN00 - APR00	APR00	JAN00 - APR00	APR00	JAN00 - APR00
New Brunswick								
Maric & Nib	-	P	622	2 530	24 704	108 633	30 32	46 37
NB Power		N	14 201	18 827	0	0	0.00	0.00
		P	1 413	1 413	18 140	18 140	12 87	12 87
		S	1 258	22 866	0	0	0.00	0.00
Subtotal Purchased Imports: New Brunswick			2 035	3 983	42 842	126 813	21.00	40.36
Ontario								
Calx Niagara		N	848	2 136	0	0	0.00	0.00
Commonwealth Elec.		P	637	3 220	33 240	436 803	92 18	110 46
		S	44 229	129 942	0	0	0.00	0.00
Edison Subway		P	153	550	0	0	0.00	0.00
Ontario Hydro		N	272 174	1 130 421	0	0	0.00	0.00
		P	347 357	1 783 787	1 587 014	8 199 714	4 57	20 73
		S	11 994	76 468	11 872	65 037	0.99	0.88
Subtotal Purchased Imports: Ontario			348 147	1 787 566	1 620 274	8 676 515	4.65	20 92

Footnote:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (includes capacity charges)

Additional Notes:

- Revenue for Period 92 not available.

P - Firm Sales
I - Interruptible Sales
P - Purchase (Imports)
N - Non-Revenue (Non-Revenue or Loadshed)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)



TABLE 2B

Import Summary Report

by Destination, Authorization and Exchange Type

Destination	Authorization	Exchange Type	Energy (MW.h)		Revenue (CAN\$)		CAN\$/MWh	
			APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
Quebec								
Hydro-Quebec	-	N	67 171	92 157	0	0	0.00	0.00
		P	35 776	506 382	3 230 764	29 316 445	21.32	32.58
		S	23 705	31 060	0	0	0.00	0.00
Subtotal Purchased Imports: Quebec			35 776	506 382	3 230 764	29 316 445	21.32	32.58
Saskatchewan								
Sask. Power		N	429	3 048	0	0	0.00	0.00
		P	14 625	89 368	353 761	2 120 859	24.19	21.91
		S	0	40 000	0	0	0.00	0.00
Subtotal Purchased Imports: Saskatchewan			14 625	89 368	353 761	2 120 859	24.19	21.91
Total Purchased Imports:			701 464	3 609 746	10 786 997	64 543 570	11.84	20.94

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.

F - Firm Sales

I - Interruptible Sales

P - Purchase (Import)

N - Non-Revenue (Non-Revenue or Inadvertent)

S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)



National Energy Board
Office national de l'énergie

TABLE 3A
Export Sales Summary Report
by Destination and Source

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Destination	Source	Energy (MW.h)		Revenue (CANS)		CANS/MW.h ²	
		APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
Alaska	British Columbia	95	336	9 945	15 351	104.38	64.65
Subtotal Exports: Alaska		95	336	9 945	15 351	104.38	64.65
Arizona	British Columbia	1 600	4 000	50 777	117 972	31.74	22.52
Subtotal Exports: Arizona		1 600	4 000	50 777	117 972	31.74	22.52
California	British Columbia	54 190	141 360	2 060 524	4 702 549	38.02	27.20
Subtotal Exports: California		54 190	141 360	2 060 524	4 702 549	38.02	27.20
Idaho	British Columbia	11 917	52 093	445 535	1 694 509	37.39	24.47
Subtotal Exports: Idaho		11 917	52 093	445 535	1 694 509	37.39	24.47
Iowa	Manitoba	29 285	58 274	736 914	1 153 294	25.16	13.90
Subtotal Exports: Iowa		29 285	58 274	736 914	1 153 294	25.16	13.90
Maine	New Brunswick	529 601	1 377 169	19 903 514	58 646 076	37.12	42.15
Subtotal Exports: Maine		529 601	1 377 169	19 903 514	58 646 076	37.12	42.15
Michigan	Ontario	26 080	53 229	1 018 301	2 069 659	39.05	22.47
Subtotal Exports: Michigan		26 080	53 229	1 018 301	2 069 659	39.05	22.47
Minnesota	Manitoba	743 566	2 904 806	24 275 209	90 789 743	23.83	20.33
Subtotal Exports: Minnesota		743 566	2 904 806	24 275 209	90 789 743	23.83	20.33
Missouri	Manitoba	14	263	601	5 961	42.91	20.56
Subtotal Exports: Missouri		14	263	601	5 961	42.91	20.56

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.



National Energy Board
Office national de l'énergie

TABLE 3A

Export Sales Summary Report by Destination and Source

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Destination	Source	Energy (MW.h)		Revenue (CAN\$) ¹		CANS/MW.h ²	
		APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
Montana	British Columbia	6 990	8 079	262 077	296 126	37.49	30.68
Subtotal Exports: Montana		6 990	8 079	262 077	296 126	37.49	30.68
Nebraska	Manitoba	1 176	3 192	34 557	92 461	29.39	30.39
Subtotal Exports: Nebraska		1 176	3 192	34 557	92 461	29.39	30.39
New England	Quebec	664 637	2 991 686	22 608 711	106 926 243	34.02	34.41
Subtotal Exports: New England		664 637	2 991 686	22 608 711	106 926 243	34.02	34.41
New York	Ontario	32 627	93 594	873 612	2 328 746	26.78	26.09
	Quebec	239 511	288 682	9 846 793	11 762 023	33.67	36.40
Subtotal Exports: New York		272 138	382 276	10 720 405	14 090 769	32.84	33.57
North Dakota	Manitoba	463	3 345	10 208	62 395	22.05	20.82
	Saskatchewan	2 650	6 250	75 056	184 388	28.32	24.94
Subtotal Exports: North Dakota		3 113	9 595	85 264	246 782	27.39	22.70
Oregon	Alberta	75	175	2 360	5 386	31.47	18.44
	British Columbia	54 829	225 151	1 412 088	5 727 333	25.75	24.31
Subtotal Exports: Oregon		54 904	225 326	1 414 448	5 732 718	25.76	24.17
Pennsylvania	Ontario	839	1 737	35 212	71 785	41.97	26.25
Subtotal Exports: Pennsylvania		839	1 737	35 212	71 785	41.97	26.25
South Dakota	Manitoba	10 177	16 652	239 887	377 678	23.57	17.10
Subtotal Exports: South Dakota		10 177	16 652	239 887	377 678	23.57	17.10
Texas	Manitoba	85 648	242 643	2 020 158	5 713 023	23.59	19.33
Subtotal Exports: Texas		85 648	242 643	2 020 158	5 713 023	23.59	19.33

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.



National Energy Board
Office national de l'énergie

TABLE 3A
Export Sales Summary Report
by Destination and Source

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Destination	Source	Energy (MW.h)		Revenue (CANS) ¹		CANS/MW.h ²	
		APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
Vermont	Quebec	184 379	601 265	16 458 928	61 668 793	36.63	34.67
Subtotal Exports: Vermont		184 379	601 265	16 458 928	61 668 793	36.63	34.67
Washington	Alberta	2 287	49 472	51 722	946 260	22.62	17.08
	British Columbia	610 253	2 096 248	18 679 680	52 962 571	30.61	23.46
	Saskatchewan	2 576	7 341	85 906	241 690	33.35	33.47
Subtotal Exports: Washington		615 116	2 153 061	18 817 308	54 150 521	30.59	23.35
Wisconsin	Manitoba	66 110	266 623	1 638 824	6 129 089	24.62	21.05
Subtotal Exports: Wisconsin		66 110	266 623	1 638 824	6 129 089	24.62	21.05
Total Exports		3 369 195	11 511 650	123 190 380	415 508 472	31.13	27.86

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.



TABLE 3B
Import Purchases Summary Report
by Source and Destination

Source	Destination	Energy (MW.h)		Revenue (CAN\$)		CANS/MW.h ²	
		APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	L12M
Maine	New Brunswick	2 035	3 983	42 892	126 823	21.08	40.36
Subtotal Imports: Maine		2 035	3 983	42 892	126 823	21.08	40.36
Michigan	Ontario	293 098	1 528 365	87 047	2 184 602	0.30	18.48
Subtotal Imports: Michigan		293 098	1 528 365	87 047	2 184 602	0.30	18.48
Minnesota	Manitoba	5 525	81 420	90 871	1 781 374	16.45	21.08
	Ontario	4 960	14 665	135 791	389 822	27.38	22.57
Subtotal Imports: Minnesota		10 485	96 085	226 663	2 171 196	21.62	21.95
Montana	Alberta	215	992	8 686	40 053	40.35	37.68
	British Columbia	8	46	694	3 248	86.75	69.72
Subtotal Imports: Montana		223	1 038	9 380	43 301	42.01	39.61
Nebraska	Manitoba	0	0	11 442	44 131	0.00	0.00
Subtotal Imports: Nebraska		0	0	11 442	44 131	0.00	0.00
New England	Quebec	0	11 331	0	1 351 091	0.00	117.71
Subtotal Imports: New England		0	11 331	0	1 351 091	0.00	117.71
New York	Ontario	43 739	231 836	1 078 095	5 463 410	24.65	30.51
	Quebec	35 776	495 051	762 594	16 903 465	21.32	31.40
Subtotal Imports: New York		79 515	726 887	1 840 689	22 366 874	23.15	30.97
North Dakota	Manitoba	0	640	0	15 166	0.00	23.70
	Saskatchewan	13 500	80 243	322 029	1 892 987	23.85	21.46
Subtotal Imports: North Dakota		13 500	80 883	322 029	1 908 153	23.85	21.47

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

Additional Notes:

- Revenue for Permit 92 not available.



National Energy Board
Office national de l'énergie

TABLE 3B
Import Purchases Summary Report
by Source and Destination

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Source	Destination	Energy (MW.h)		Revenue (CAN\$)		CAN\$/MW.h ²	
		APR98	JAN98 - APR98	APR98	JAN98 - APR98	APR98	1.12M
Oregon	Alberta	0	50	0	1 585	0.00	31.70
	British Columbia	0	110	0	3 124	0.00	28.40
Subtotal Imports: Oregon		0	160	0	4 709	0.00	29.43
Pennsylvania	Ontario	6 350	12 700	319 341	638 682	50.29	50.29
Subtotal Imports: Pennsylvania		6 350	12 700	319 341	638 682	50.29	50.29
South Dakota	Manitoba	0	20 285	0	292 063	0.00	14.43
Subtotal Imports: South Dakota		0	20 285	0	292 063	0.00	14.43
Texas	Manitoba	0	0	0	148 984	0.00	0.00
Subtotal Imports: Texas		0	0	0	148 984	0.00	0.00
Vermont	Quebec	0	0	2 468 190	11 061 899	0.00	34.65
Subtotal Imports: Vermont		0	0	2 468 190	11 061 899	0.00	34.65
Washington	Alberta	0	4 132	0	97 540	0.00	22.96
	British Columbia	295 132	1 114 157	5 427 593	21 864 358	18.39	16.80
	Saskatchewan	1 125	9 125	31 732	227 872	28.21	27.84
Subtotal Imports: Washington		296 257	1 127 414	5 459 325	22 109 709	18.43	16.87
Wisconsin	Manitoba	0	655	0	11 301	0.00	17.25
Subtotal Imports: Wisconsin		0	655	0	11 301	0.00	17.25
Total Imports		701 464	3 609 706	10 706 997	64 543 579	11.84	20.94

Footnotes:

1. Includes capacity and energy charges.
2. Average value for the month and the first 12 months includes capacity charges.

Additional Notes:

- Revenue for Period '92 not available

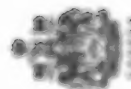


TABLE 4
Source of Production Report¹
Canadian Exports

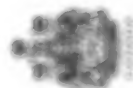
Fuel Type	A/P/200	
	Energy (MWh) 2	Revenue of A/NB 2
Hydroelectric	2 353 644	71 686 149
Imported Coal	147 615	5 423 296
Imported Oil	179 412	6 423 145
Nuclear	93 496	3 343 473
Other	481 905	17 219 713
Total	3 208 226	102 095 769

Footnotes:

1. Source of production data chiefly major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocable by energy source.

Additional Notes:

1. Revenue for item 92 not available.



National Energy Board
Office national de l'énergie

TABLE 5
Source of Production Report¹
by Exporter

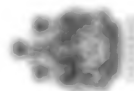
Exporter	Fuel Type	Authorization	1979/80	
			Energy (MM B)	Revenue (Cdn\$)
Oil (Hydrocarbons)	Hydrotic	Revised 40	300 146	15 126 000
		Subtotal	300 146	15 126 000
	Other	Revised 40	301 428	9 900 000
		Revised 40	17 070	660 717
Natural Gas		Subtotal	318 503	10 456 000
		Revised 40	600 549	20 283 000
		Subtotal	919 052	30 739 000
Coal	Hydrotic	Revised 40	2 720	100 200
		Subtotal	2 720	100 200
		Revised 40	2 720	100 200
		Subtotal	2 720	100 200
Hydro-Electric	Hydrotic	Revised 40	800 100	10 000 000
		Subtotal	800 100	10 000 000
		Revised 40	800 100	10 000 000
		Subtotal	800 100	10 000 000
		Revised 40	800 100	10 000 000
		Subtotal	800 100	10 000 000
		Revised 40	800 100	10 000 000
		Subtotal	800 100	10 000 000
		Revised 40	800 100	10 000 000
		Subtotal	800 100	10 000 000
		Revised 40	800 100	10 000 000
		Subtotal	800 100	10 000 000

Footnotes:

1. Source of production data (fuel type, output, revenue, etc.)
2. Revenue figures are for illustrative purposes only and are strictly illustrative of energy source.

Additional Notes:

Revenue for Revised 40 not available.



National Energy Board
(Office national de l'énergie)

TABLE 6

Source of Production Report
by Exporter

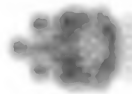
Page
continued

Exporter Exporters (By name)	Fuel Type	Authorization	1970-71	
			Energy (MM Btu)	Revenue (Cdn \$)
Electricity	Hydroelectric	Alcanco (PQ)	387,652	6,491,102
		Alcanco (AB)	191,191	2,757,000
		Alcanco (BC)	550,000	107,131,000
		Alcanco (ON)	11,770	230,700
		Subtotal	1,130,613	136,552,802
	Other	Alcanco (PQ)	6,035	107,000
		Subtotal	6,035	107,000
	Subtotal		1,136,648	136,659,802
Oil Shales	Impregnated Coal	Alcanco (BC)	487	20,000
		Alcanco (AB)	1,000	50,000
		Alcanco (PQ)	750	37,500
		Alcanco (ON)	1,000,000	1,000,000,000
		Subtotal	1,002,237	1,037,500,000
	Impregnated Oil	Alcanco (BC)	2,000	100,000
		Alcanco (AB)	2,000	100,000
		Alcanco (PQ)	487	24,350
		Alcanco (ON)	1,000,000	1,000,000,000
		Subtotal	1,004,487	1,034,350,000
	Subtotal		2,006,724	2,071,850,000

Notes:

1. Figures of production are strictly approximate only.
2. Revenue figures are the estimated proceeds after all applicable taxes, royalties, and other charges attributable to energy sources.

Additional Notes:
Revenue for Province of Ontario available.



Department of Public Works
and
Public Works

P. A. B. B. 9

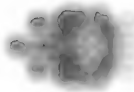
Survey of Public Works by Engineer

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Project	Type	Location	Area (sq. ft.)	Volume (cu. ft.)	Weight (tons)	Cost (Rs.)
Road	Road	Project 10	100	1000	1000	1000
		Project 11	1000	10000	10000	10000
		Project 12	1000	10000	10000	10000
		Project 13	10000	100000	100000	100000
		Project 14	100000	1000000	1000000	1000000
Other	Other	Project 15	1000	10000	10000	10000
		Project 16	10000	100000	100000	100000
		Project 17	10000	100000	100000	100000
		Project 18	100000	1000000	1000000	1000000
		Project 19	1000000	10000000	10000000	10000000
Subtotal	Subtotal	Project 20	1000	10000	10000	10000
		Project 21	10000	100000	100000	100000
		Project 22	100000	1000000	1000000	1000000
		Project 23	1000000	10000000	10000000	10000000
		Project 24	10000000	100000000	100000000	100000000
Total	Total	Project 25	1000	10000	10000	10000
		Project 26	10000	100000	100000	100000
		Project 27	100000	1000000	1000000	1000000
		Project 28	1000000	10000000	10000000	10000000
		Project 29	10000000	100000000	100000000	100000000

1. The above figures are for the purpose of the survey only.
2. The above figures are for the purpose of the survey only.
3. The above figures are for the purpose of the survey only.

Subtotal (Rs.)
100000000



Department of Higher Education
Government of India

U. B. D. 5

Division of Publications Report (a) Department

Page 1
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Category	Page	Description	Amount	
			Actual	Estimated
Part I	100	Part I	100	100
		Part II	100	100
		Part III	100	100
		Part IV	100	100
Part II	100	Part I	100	100
		Part II	100	100
		Part III	100	100
		Part IV	100	100
Total			100	100

1. The Department of Higher Education, Government of India, is responsible for the publication of books and pamphlets on subjects of interest to the public.

2. The Department of Higher Education, Government of India, is responsible for the publication of books and pamphlets on subjects of interest to the public.

